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tatttttgag cccttccacc tccaagagat atgaccagcg ctaacagtaa ctagctcctc 600
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<210> 27026
<211> 887
<212> DNA
<213> Aspergillus nidulans

<400> 27026

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tctggatact cgctaactat acagcacagc aaccatttta cccgccgggc aacaacgccg 180
taccgttact gccgtgaaa atgcaaacag cccaagcagc ctgacatccc acgggttgga 240
aagcgtcaac caaagccaaa agggcccata cctaccggg aatctgcaa aatcaagcca 300
aagttatcca agcgtcagtt tgtctacccg gctgacaatg aggcaatgga agagtacctg 360
atcgaccgag tgcacaacta tgtaaccaac aatgcactca ccgtgtatga ctacggcctt 420
aaccgccgaa actcagcgca attcagagtg ttgggggatg agcccgtaga gattgtcctg 480
gatggtctgt gggggtgcac ggctcttctg gttgcgtcga gaagggtgt atactttgcc 540
catttcttgt acgtggacct tcttattatc ggtgccctaa ccccgacgat cagctaacaat 600
acgcagcgaa aacatctcct tcctcgactc tgactacgcc aacaacgcgg cagcccgtga 660
gcgatttgag gacattgtaa tcaggttcct ggataccgga gatgacctga tgggcgaagt 720
gtacgacgat gacggcgacc tgatacttcg tgagtacgtc gcactcaccg acaacttgca 780
cttcttcact cccgacacaa acccatcaat catcatcggt tcgcctgtag acgaaaatga 840
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<210> 27027
<211> 229
<212> DNA
<213> Aspergillus nidulans

<400> 27027

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gcacccaaaa ggcgcgcttc cgcaagagtt gctggagcct cagctgcagc gctaaagaaa 120
 caaaagtacg actctaccga ccctaaagga tctcctaaat cgaccgcca gacaagcaaa 180
 tattttaaga cagacgatac cgaaaagtca aagcgcaagg tcaaaaagc 229

<210> 27028
 <211> 381
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27028
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 tggtcgcccc agtcagcacg acggcatacg gaacgcggaa gaattcaaca taccaccctt 240
 ctgatcggca tcgtctccat acatcccgat ccagtcagg caggaaaggg tattcgcttc 300
 caaatcgccg ccccgatggg tgtgcgacga tttatcgacg gccgtctgcg ggtagaggac 360
 gatgatgtcg ttcgtatcta a 381

<210> 27029
 <211> 339
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27029
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 gtcatttgct ccggatcgct ggccaagaca accgactcgc tcgacaggct tgcccaggcg 180
 cttgggagag tcgatgtcgc gattgttggc cgacggattg gcatgaagag ccatacgctt 240
 tggctctgaag tccttgagat cacggaagac gcacgagtct gttcggcaga tctcatcctc 300
 acagttggcg gtgggtcggt acggacgggt cgaaagtga 339

<210> 27030
 <211> 264
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27030

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aaaaccgttg caaaagcttt ggctgctttc attaccattg ctggacacga agcacaaagt 180
gcaacgccgg gactgggtgt cccccccaga gaacaatcgg acagcttcac aactctttgg 240
gtcaagttct gccacaagtc atga 264

<210> 27031

<211> 751

<212> DNA

<213> *Aspergillus nidulans*

<400> 27031

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gatacgcagg agtacgtgga ggagattagg gacatcccta cattaatgta cgcgatcaga 180
gtcgcgaatcg tggatcggga aaagctcaat gctgtgagaa agtttgttga cgaaggagta 240
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ctaacatctt ccctagatcc ctgagataat gacccgattc gtctacagaa cctctcgctg 360
gcagttttct acgtatctga acgaaacaat gcaatcccta gatcaacaac aaaaagagct 420
cgaaacaacg ggccaaacac agccagattt agaaagcaat atccaaaatc tccggcgcaa 480
acaagaatac ctctcccggt ccctctccac agctgagcgc catcttatcg ggcccacggt 540
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tgagctgctg gatctcacag cgggaaatag gaggaatagc cttatatcga gagtttcaag 660
caggttttacg ttcaagccga tggacaacgg gggtcgtatt aagggaatcc ccaaggaggc 720
agagattggg catgattttc atatctattg a 751

<210> 27032

<211> 493

<212> DNA

<213> *Aspergillus nidulans*

<400> 27032

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cttccccgga ccagacggc gcagcagggt tgggtttctt ttctttcttc tctttctgtg 180
cgcggttagg gtcgcgatcc cggtttcgat ctcggtcgcg gtctcggtcg cggtatcggg 240
cgcggtatcg gtcgcgttct cgatagtcgc ctctgtatct atcatggcct tgatcacgat 300
cccgtcgcg atcctggtct cggtcatacg gccgacgagg agagcgattt cggtaccac 360
gatctagtcg tacgtcgctt tcattctggc tctccttggt tgaacgcttg tctttccagc 420
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caacgcggcc agg 493

<210> 27033
<211> 354
<212> DNA
<213> *Aspergillus nidulans*

<400> 27033
atgcttatcc aaaccgttgc cctctacctc gcgcgcttca tagcctcctt ggccgtgata 60
accggtccat tctggttcgt caaccataat ttgggtattg tagtcctttc ttctgcttgc 120
tgtgattcat tgactggccg acctgtactg acatcaacgt gaacagcctt ccagattttc 180
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cgcaacatgt cccttggcac cctgataatc ctgcgcgagct actacctgac ataccagcag 300
accggcctag cgctggcact tatcgccacc ggatccgggt ggtcggattc ggag 354

<210> 27034
<211> 445
<212> DNA
<213> *Aspergillus nidulans*

<400> 27034
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ctgcctgatg tegtggggat ggagattgcc ataaatgggtg aggttttctc gttatccac 120
gaagcctggc agcgtgactt ggactttgcc agtggcgaat tacgccgcaa tgttgtctgg 180
cgtaccagca acggctcagg ttacaccatc gccagccgtc gctttgtttc ggcagaccaa 240

ctgccgtca ttgcgtgga aatcactatt acgccactgg acgccgacgc gtcagtgtg 300
 atttcaacag gcattgacgc cagcgaacc aatcacggtc gccaacatct cgacgaaacc 360
 caggtgcggg tgtttggtca gcatctgatg caggggagct acaccacca ggatggacgc 420
 agtgatgtgg ccatcagctg ttgct 445

<210> 27035
 <211> 875
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27035

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 gggacagtct gcggcgatgg cgcgtctgc tgtccaacag actccgggtg cgctgcgccc 180
 atcgaggcta accctactg cgcgaacaat gccacctggg atctgtacca gctcgacggg 240
 tacctttgct gcgatagcga cacgaatggc ttctcgttct cggggcttgt ctataatggc 300
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 gtcgggctaa tatgtggttt cgaaacatag gaaatgaaac agacaccgat tcctcatcgt 480
 cctccatgcc ctaccaaca accacaccct cgacaagccc acggcccgac tccccactg 540
 catcagagac caacctaaca tccgactcct ctctctcgtc cacaacgca ggcgcaattg 600
 ccggcgggtgt cgtcggaggt gttgccggat tagcccta atgtcgcgctt atctgggtccc 660
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 ttaacggagc acttcgggtgc gaccctgcaa agggtcagta cgctgtagct cctgcggagc 780
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 cgcagagtt gccggggggc atgccatcga gatag 875

<210> 27036
 <211> 249
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27036

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tatgatcccc acttctctca tccgtggcta tataaccgaga gcagggcgat cgtgattgcg 120
ggtctgattt tcagtacgt ctctctgatg ctgcgagtgt acaccaaagc tgcactgctg 180
cgcaagttcg gatgggacga tagtgagctg cccggcgccc gtgtttcttt cctcttctct 240
acttgctaa 249

<210> 27037
<211> 244
<212> DNA
<213> Aspergillus nidulans
<400> 27037

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cgttccatgc aactgctggc gcgtcagggc atcgacctgc ctgtcacggg cattgcgcat 120
tcgccgatg ataccagcga tttaatcgac atggtcgggtg gtgcgccgct ggtgggtcaag 180
ttgggttcag gcacgcaggg aattggcgtc gtgctggcgg agacgcgtca ggccggcgag 240
aagc 244

<210> 27038
<211> 314
<212> DNA
<213> Aspergillus nidulans
<400> 27038

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ggcagtgaga aggacgagtt tacggccgct gagatagcag agcacactgg agctgaccct 120
gttcttgtgg gtatgaattt gtttttttct tccagtacaa atagtggctg atagtctgct 180
acagaacgcc taatgcgccc ttgatcctg gtcgtctctc tcagccctac ctcaaacaat 240
acttacaagg cgcaccaaag tgcccacgac cttagcggcg gtgcatatgt gagggacatg 300
ctcattttca ctca 314

<210> 27039
<211> 606
<212> DNA
<213> Aspergillus nidulans

<400> 27039

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gggctgactg tcgtcagcga gatccagttc tcctgggttg gtgtagcggg gcagcttggt 180
agtttggttt gtgatgctct caggctgggtg cttatgcagg ttctcacttc cacctcttcc 240
tctttgtcct cgcctacatt ggagacgcat aatgcagaaa cgggcgaaga gcccgggtcca 300
ctcggcaccg atacactgca tgaaacgagc tccaaagacg aggaagaggc atcgacaagc 360
gaaaacacag cccggggaca gagccagagc ctgagactca ccaatatgga tcccctcctg 420
agcctttact acacagcccc catttgcgcc gtgatgaacg gcactcttggc gtggaggacg 480
gaaatcctcc cactcctgct ggaccaaatt gaccccaact cgtcgtctgc ctgagaggca 540
gcacccgctg gaatgctggg cattatcctg tccacaggcc ttagggccca catcctcaac 600
gcagtg 606

<210> 27040

<211> 228

<212> DNA

<213> *Aspergillus nidulans*

<400> 27040

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gccggcgtgc gagcccagac ggcttgcttc aactacgtct gcactcgtcc aaccctcttc 120
ctcaaaccag ggttcgtccg gcaagcagcc ggagagtgtc aagctagcta ctggggacaa 180
tcgtaagctt gactctgctt caaacgagct tttcaaaagt gccgaatg 228

<210> 27041

<211> 239

<212> DNA

<213> *Aspergillus nidulans*

<400> 27041

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gcagcagcag cttgcagtgc agttccaagt ttgggaatag caagatccgt ccgtgcacta 120
gctctaagga gttcgacagc tcccacctcc cttcggcag cggcacttac gaggggatat 180

ccactggggtt cattataaat gaacgaatcc gggctctgcac caagttcgag gagaagtga 239

<210> 27042
<211> 450
<212> DNA
<213> Aspergillus nidulans

<400> 27042
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cgaattcgag agcattcgcc ttggcccttt ggctggaata gcgtttcggc ctagcgatag 120
tgtccgatct cgtcacagag tttaccgtgt gtatcctagt acgggtacgc gcttgcgat 180
attagtcgga ccagccgtgc cggaaccgat ttgtctatgt gttctttctc cgtccaggat 240
atgcccgtgt agaagtattc gtccgataag gaagcagatg accacgccac cgggcaccag 300
cacgcgagca tggtcgagtt tgaaatcgac gtcttgggtg gccgtcagca gcaaccgcca 360
agtgaactga gtgtgatccg acttgagctg caagtaatcg gtggatttca atcttctaga 420
ttatccatga gctggatgac aatgagctgg 450

<210> 27043
<211> 385
<212> DNA
<213> Aspergillus nidulans

<400> 27043
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ggatgggggag gggtttcgacg acgggttctc cgacgaagac gaggatattt cgggcgagga 120
tgacagcgaa gacgatgaag atgctaaaga agaagaagaa gaagaagaag aagaagaaga 180
agaagaagaa gatgacgagt ctgaagatga agaagaaaag accgcgaagc ccaaacgccg 240
cgtccagttt gcgaacgcca aggtcgcaga cacatcagac gaccgcgccc aacttcgtca 300
actattggcg acagacaaaa aaactatcgc agcaaccatc tctcaagctg caaagagccg 360
acgcaacaaa aggtcgtgcc gttaa 385

<210> 27044
<211> 449
<212> DNA
<213> Aspergillus nidulans

<400> 27044

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cttgagccgt tcatgcggtc tctggccatc actgactacg actgcgaaaa accgaggaag 120
aagcgttttg gccatatcct attcctgaat caatccgatg gcaagagatt tctggctcat 180
catggagaag aacggcgagc cgggaggcgg cgtcccttat ccaagctgaa cttactcgga 240
tctcaggtac tctgcaaacc gagccaccgc aaaccggacg aattcgacct tcgagccctg 300
gaaaacgagg tgcaggagcg aaccaaccct tcccgcataa tcgaagagga aggggggtca 360
gtttcgttta tattgtcaac ggctagctgt gggtacactg tgtttggtga caatgagttc 420
tcctacgtgc cagaggtgga actccaaca 449

<210> 27045

<211> 348

<212> DNA

<213> *Aspergillus nidulans*

<400> 27045

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aacgctgagc cgcgcagagt gaccaaattc gccgtcaagg accctcgga actcgccgtg 120
cagaggttcg acatcggtgc ttatcgatgg ggcgaaagaa cagagccatg gagctgcgct 180
gagccaagcg agaactgggg cgggcttcct ggggttacat ggaggattaa ggtttcaaag 240
gcaaagatga aggagctgct gcggtgatg gaggaggcag ataaaaagtt cttatgggcc 300
gactgcgtgt gtattgacca ggagaacgaa gcggagaagt cggccgag 348

<210> 27046

<211> 212

<212> DNA

<213> *Aspergillus nidulans*

<400> 27046

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acggccgtca tgccgggtgc cgttgatgtg gacgatccag ccatgtggac cctctcttgg 120
cggttcatca tctcggacaa gtccgtctcc ggtgccgggc ctcagaaggg agagtcaggc 180
gtcccagctc tggggcatag agctcgccct at 212

<210> 27047
 <211> 466
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27047
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 aacacacata cccacacgca ccgcaaata ggcaggctct ttggtcaccg cgggtcacat 120
 tctagcgggc atagctcctc cagcgccggc gtcaggaccg gctctacgag acgcggtatac 180
 ggtacgagca actacggcca tagcagtcac ggcagccgcg gccacggcct cttccgaaac 240
 aagcacactg aagatccgtc cattatcgct gccaaaggaac gcgttatgca cgctgaggag 300
 gcagagagag ctgcggacca agcgctccgt gcaagccggt tggcagtcca ggaggcgagg 360
 actaacgtga gagagttgga acgggatgcg aaggaggagg cgcgactcgc caagttcaag 420
 caaaaggaag ccaggaatat ctggaagaga gcaaaaccgc ttggcc 466

<210> 27048
 <211> 694
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27048
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 tgttcgcagc aggcgatacc acaactaggg agtgcgacgc taggcgcgat caacgaggcg 180
 ctgggcttgc cgaatcacca ccatcattat agctctgtgc ggtctggtgc gatcgggctg 240
 tttcagatgc ctgacgaggg ctggcgtagc tccattcgaa ttgggttttac cttaaactatg 300
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 cttcccgagc ctctacaaca ttatcggcga gttcgagatg tgcccgcata cgctcctcct 480
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694

<210> 27049
<211> 291
<212> DNA
<213> Aspergillus nidulans

<400> 27049

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caatgtcgtt cgacgcttct accccatgtc gacgggggtt accagcagat tttgcaggtc 180
taccaaggct ttggtgtacg acagccattg cccgccgttg caaaacctgg agaagagtct 240
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<210> 27050
<211> 322
<212> DNA
<213> Aspergillus nidulans

<400> 27050

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agcggggcgg agtctgcgat tcgattggct acaatacagt gtaggatccg aaaatagtgt 120
catagtcttg gaaatagcta ctttgagtac attcgaacac ttcctataat tcgagttttc 180
cgggtctcgtc tggacctagt gcaagtgttc gtaactgtaa ttttaagaat attcagggca 240
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caagaaggca gcctgcgagt ga 322

<210> 27051
<211> 440
<212> DNA
<213> Aspergillus nidulans

<400> 27051

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tcaatatttg aggaagaaga gaaaccaact aaccctgcag gacatggtcg gacgacacat 180

ccatgacttt gtgtctagcc aagtcctga ttgattctgg tgggtgttttc gactcccaag 240
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gttttgatat cggcaacgct acatcgaagg cgcttaaaat atggcagcgg tacttcgacc 360
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acaaggccct gaagcatgag 440

<210> 27052
<211> 522
<212> DNA
<213> *Aspergillus nidulans*

<400> 27052

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ctcgccttcg ttacctacgg cctgcgtgcg tattgtcgta tcacgaggag atcgtggtcc 120
acagaagact ggatcatgac agcggctttg gtatgttaga ttgtgtcact gtcacttttc 180
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ctgcgttgga ggcgctttca atggcattgg cgttcatgca tcacgactct cggagcccg 300
aatgagaaa taccaggccg aaggacaaaa gttctttctt atattcgaag tcggctattg 360
tgccgccatc atcccatca agctcagcat cagctggatg ttgatccgag tagctgaagg 420
gcggaagaaa tatgtctata tacaatacgt tgttatcgcc ctcttctcca ccatgaacat 480
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<210> 27053
<211> 617
<212> DNA
<213> *Aspergillus nidulans*

<400> 27053

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gaatggcgat taggcttctt tggacgatcg aggggtctac cccgcggata aaaatgccga 120
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 agccagacgc caacgcacaa gccattaacc agggagtgc agattttgac agaatacaacc 480
 tccaacacct agcacaggga tttgacccgt tgatatcgtc gtgggtgcac gattactttg 540
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 <400> 27054

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 gatgggaacg gatcggtga gttcctcgac aaagtcgggc tctcgaccg cgaagtggc 420
 gacctcgcc ccgtatacgg attccagtgg cgccatttcg gggctgagta tgcgatgcc 480
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<400> 27055

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 <212> DNA
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<400> 27056

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 caccctgttg tccgggttcc aggatgagca gactgggttat tcgtacgctg tagtccgtct 240
 cactgccaag ggtgaccggg ctctgttcga cctctgccat aacaatgtgc agagagaggt 300
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<210> 27057
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 <213> Aspergillus nidulans

<400> 27057

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 gctagcgcca ccatcagcag cgtcgccagg aaggccacca ccggtgccag cggacaggtg 180
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<210> 27058
 <211> 279
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27058

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 aacaacctaa actatacttc cacccgagca ttgatcttt tagcccatcc cgtcgtgaga 180
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<210> 27059
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 <213> *Aspergillus nidulans*

 <400> 27059

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 ggcagggatc acctacgaga ccacgaccc atcacagacg cccgcaccgg caacttcaca 180
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 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27060

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<210> 27061
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 27062
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27062
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 ttcatcatgc agacgaaacg cattgattct cttctggata agctgcacag tatcaccatt 180
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<210> 27063
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27063

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ccatcttccg tctctccgct tgctactcgt gagctggaag aacaaagtcc atcaggctct 300

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<210> 27064

<211> 231

<212> DNA

<213> *Aspergillus nidulans*

<400> 27064

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<210> 27065

<211> 523

<212> DNA

<213> *Aspergillus nidulans*

<400> 27065

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aaagcgctca aatgagccta acattgctgg cgaagaggag actagcggaa agcgacggag 180

acacagtggg ggaaccaatg tggaactgga ggaagatgac atacttatgg atgatatgga 240

gatgccatcg cgagcctctt ccggtgagta ctcttctaat gatgccgatg ccatcgacaa 300

atctatggct gcagctgaag acgagcttta ctctgacgat gacctagcat ttggccggga 360

ccgagacaag gatgagacaa gtgtcgacag agacggtgca gatgcgtcca gccctagaaa 420

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<210> 27066
<211> 666
<212> DNA
<213> *Aspergillus nidulans*

<400> 27066

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cactga 666

<210> 27067
<211> 354
<212> DNA
<213> *Aspergillus nidulans*

<400> 27067

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gagcaggcta ctgcgaacgg gaataacgta cacctgtggg aggagagctg ggatgatgat 300

gacgccgccg aggacttctc caagcagtta agacgtcact tatctactac ctga 354

<210> 27068
<211> 249
<212> DNA
<213> Aspergillus nidulans

<400> 27068

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<210> 27069
<211> 1851
<212> DNA
<213> Aspergillus nidulans

<400> 27069

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<210> 27070
<211> 851
<212> DNA
<213> *Aspergillus nidulans*

<400> 27070

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<210> 27071
 <211> 414
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 27072
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27072
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<210> 27073
 <211> 234
 <212> DNA
 <213> Aspergillus nidulans

<400> 27073

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<210> 27074
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27074

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670

<210> 27075
<211> 774
<212> DNA
<213> *Aspergillus nidulans*

<400> 27075

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<210> 27076
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<212> DNA
<213> *Aspergillus nidulans*

<400> 27076

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<210> 27077
 <211> 246
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27077

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<210> 27078
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 27078

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 ccgcccgaag acctccacc acctctctct gaaccggaag taaagaaaaa gaagggtggga 180
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 agagaagccg atgcagcagc ggctcgg 267

<210> 27079
 <211> 370
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27079

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 aatgctaaaa cgctacacca agaggccgtc gacgggctaa taaggctcaa ggggatagac 120
 aacgaagata ccctaacggc cacgggcaat ctcggtcgta ccaaggccaa attctacgag 180

aacctcgatg aagcaaagtc actactcaag cgagcatcac acggcatgag caaggtactc 240
 gggacaacgc atgtgaagac tttgatcgtg caagaggacc tcgccctgct tgcggcgag 300
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 aaaaaggtag 370

<210> 27080
 <211> 565
 <212> DNA
 <213> Aspergillus nidulans

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 ccgcttcttc tgcgcaacag actacctcct cgatcttcgc gccgcgctc agccaacgtg 180
 gatctaccgg tggttcgggc agtacgacaa cgtcctcccc atcccggggc tgggcccctc 240
 gcacggcagc gaagtgccgt tcttccacgg cggtaacgag tgctttgagt cgatctccgg 300
 cgtcacggac gccgagcagg ctctagctga ctacatgaat gactggttcg tggcatggat 360
 taataatccc gttccggac ctgggtggga acgtgagcgc ccagtcgatg ggccgctggc 420
 cagactgggt gttcctggta gcgaggaggc ggttgtcaag agcaccactg gcgagtacaa 480
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<210> 27081
 <211> 335
 <212> DNA
 <213> Aspergillus nidulans

<400> 27081
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 gcacaggcgg tggatttggg ggctttggct ctacgagcac gagtggggtt ggtagctcga 180
 acaccggcac cagtctgttt ggaagcaagc ctgcaggagg agggtttggc agcacaactg 240
 gaactggaac cggaactgga ttcggtactg gaactggctt cggcagcagc agtggctcag 300

gcttttggtagg agcaggaact gctttccagc agggg

335

<210> 27082
<211> 501
<212> DNA
<213> Aspergillus nidulans

<400> 27082

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cttgattact actactatcc atgggttggc tcgtatgttt cactctccgc cttgcaaadc 180
cctctaacaa aacagttact acaacggcac ggcaacattc acaatctcag gcctgtccat 240
ccgggtcaagg tectacgatg aagatgaaga ccaagagctt tgtacccagc tacagaacta 300
cacgtacaca ctctctatc cagctctgct ggcaatcaca gagacggagc ctgaagatga 360
acggccggaa aacacaaacc cagtaaagt gattttgtca acctcataca gcaatttcac 420
gaaatacttt aatgattaca tggactcgag caatatgcag ataagggacg agccgtgggt 480
ctttgaaagc atagatgttt c 501

<210> 27083
<211> 656
<212> DNA
<213> Aspergillus nidulans

<400> 27083

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acaacccgta tacttcaggc agccgtgcac ccgtataccc gtacagcctg ctaatgctat 180
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gacgagtatc gagggcagta tcatctgcat ccgtatgggg agatcaattg cgtgggtgcag 480
gtcgatcgca cagctgagtt gaaggggatg aatgggtggc aggcggccgg gtggacctcg 540

ccggcgagcag gaacgcacca ctatcccgaa gtgagaggag gtgcactcgt tgcgctgttc 600
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<210> 27084
 <211> 939
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27084

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 ggcggagctt cgcagaggac ggtatggcgc agctgttctg ggtcagagcg gtacgtcaag 180
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 tccggggccc atatatcccc ggtggcgcca ttcagcgcac agcaacatac ctggccatgt 780
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<210> 27085
 <211> 246
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27085

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gatggctata ccagctgcc aacacacaaa gcttctgacg ctaattggac tgctccaagc 180
cgccgcgagg aggaggatac cttctgtgcc cgcaagttgc tggaaacccat gactggtggg 240
cgctag 246

<210> 27086
<211> 760
<212> DNA
<213> *Aspergillus nidulans*

<400> 27086
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aggatcggac tctcaagaca gctccctgga attgcaggct tacctttgac tcgtccgga 180
tcgacgacgc cagcgaagc ttgaagtctt ctagcaatat ctttaagagc tgcgaaaccg 240
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ggaagagttt gaagatgagg gtcaagccag cggatgaagct agtgctgata ttgaggagct 360
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<210> 27087
<211> 249
<212> DNA
<213> *Aspergillus nidulans*

<400> 27087
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aaggtcagag tctctgcat tgaggcgggc agcaacagcg tcagagatcc tcgtatttca 180
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 ccaccacag 249

<210> 27088
 <211> 800
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27088

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 gccgattaca tcaccgacaa cggcggcccc atgtacctgg actataatat caccgggcct 180
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 ggagcagcca acatctttgc ctacggtact ggaacagtcg tttatgttag caacaccgat 480
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<210> 27089
 <211> 283
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27089

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caggttttga acttggacag cctcttgatg agagttggta tggcatcgac cctgatccgg 180
atcagtcttt gagctatttg atctgggagc actctcggtg ggatggctgg caaggcactc 240
ttgggggtata tcagcgtgct acagatagag agtggatcac ttg 283

<210> 27090
<211> 1487
<212> DNA
<213> Aspergillus nidulans
<400> 27090

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ctcgcctcgc tgatccgcta cctcctctat accaacgaga ttgacaccca tggaataatc 180
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gaccgcgagt acgagacaac gcagtggaca tggcgatgga caggcacgcy gacagtgcag 300
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<210> 27091
<211> 576
<212> DNA
<213> *Aspergillus nidulans*

<400> 27091
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cacggacggg aagttgcaa tgcagcgatg aatgaagcga acgacaacgg ggatgagcag 180
catgtatccg gcatcgaagc agaagatgag gaaaacgtaa gtcagtaacc atatgcgcta 240
ctgtacaaac acaaagcggg gttaacgaat aatttccaga acaccaacgc ctcgccagtg 300
tcgatgacca aaaaagaaac ccctaaactc ggctagcgca ctggcatgcy cgcctcctcc 360
aaaaccgctt ctaagaaatt caagaaggat ccgggggttg cgacggaaat ggacttggtg 420
caccgaagg agcaccagcc cgagcaactg ttccccccat tcaaccagtc ttgcaacagc 480
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tttactgaaa acgggatcat gtcgagtaca caatag 576

<210> 27092
<211> 240
<212> DNA
<213> *Aspergillus nidulans*

<400> 27092
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ttcgttgcyg gcaggtttct atcgcygaca ttccttggtg gcaacgcgct tggagtagat 180
gactggatga tgcttggtgc ctatgttggg gccagtgcgt gctttggacg tacatcgtga 240

<210> 27093
 <211> 458
 <212> DNA
 <213> Aspergillus nidulans

<400> 27093

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 cctgtgttaa tagatccaag atccccctgca ctgtccacgg cccttcccag actccacacc 180
 ttgaccacga actccagcag ccctacgcac aggatataat acacactttg actgccgctc 240
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 aggaaaggaa ggcaatgaaa gctgaagtga agagcaccta caaaccagta aagaaagctg 420
 taaaggctct gtggaaagag aggaagcaag agaaatag 458

<210> 27094
 <211> 431
 <212> DNA
 <213> Aspergillus nidulans

<400> 27094

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 cgcttttcga ggccgtgggt gcgctggaag taggtgcagt catcttagct gctgcgcatg 240
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 cccaaaatgg acagtggata cctcggcccc gaagagaaag gacagggatt ggaggatgac 360
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<210> 27095
 <211> 297
 <212> DNA
 <213> Aspergillus nidulans

<400> 27095

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gagcccgtct ggatcccaat tcgtccacca tgggttgttg ctatcagcat cccactgtgg 120
atttgcttag tgtacttctg cgcgacaatg tggacaaaat atgtcgatcc gttctgtgcc 180
cgcatgaccc aaaagatgga gaaccacatg ttcattccagg acgagaaacc tgcacaggcc 240
gaaacactac ccttgacctc catgccgatg cagacgatgc caattcaaaa cgcttaa 297

<210> 27096

<211> 315

<212> DNA

<213> *Aspergillus nidulans*

<400> 27096

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acgcgctacc tgagtcggac ggaccgcgaa ccgacacctc tcgcggcaac atcctatgaa 120
ttgctaggcc acgactcaaa taagaccgag accaacacca cccggactac cgctgcgcct 180
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gcgacttccg caccggtcga cccattgtcg gacgagcgct tcataccacc tcaacaagac 300
cgctacatgg agtaa 315

<210> 27097

<211> 738

<212> DNA

<213> *Aspergillus nidulans*

<400> 27097

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gaccgtgcag gccgagcggc acgacttctc caaatccacc gagagcgtga gtctcgttcc 480
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tctgatcacg tacaatatcg tccgctcgca tgaactgaaa tgggaattgg acggcgagat 660
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cgtggagggc cctccacg 738

<210> 27098
<211> 240
<212> DNA
<213> Aspergillus nidulans

<400> 27098
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accggcccat tccaggggtcc aacccccggt gaggggtgctt ccgctgggtgc tcaccaggga 180
aaccagggca aaaccccttt ttgggttggtg caaacaccgc acttttttat gcttggttaa 240

<210> 27099
<211> 603
<212> DNA
<213> Aspergillus nidulans

<400> 27099
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aaccaatgga gcgaagccaa ccccgagccc gaaaccgtgt tgaaaatgct ccaggactgc 120
tttaatgatg ccaaaactaa aggtgtgacg ctggaacgag gcacgttcgc ggatttggtat 180
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tag 603

<210> 27100
<211> 356
<212> DNA
<213> Aspergillus nidulans

<400> 27100

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cagagggttaa ggtctttgcg actatcgaag aagctatcga ttttaccgt gacctggctt 300
caaggaggga gcaccgtatc gagggcgatg aaactccaat catgcctttg gactga 356

<210> 27101
<211> 795
<212> DNA
<213> Aspergillus nidulans

<400> 27101

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aagcagggtc acgcacaaa catttacaac cgctacttga actctttccg tgccaaattg 240
gaggagggca gacgcaaggc ccagaaggct tccagcaag ctgcccagcg cgacaccaag 300
gcgagacca cgactactct gaagggtcgt ctgttcccg acatcaaact tcttgaggc 360
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cccatcttca gcattggctc cgctcggag tcgagcgaca tcccgaagcc ggaacagatc 480
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accaacggca gcaccgcggt gaccaacggt catgcgaagc actatgattc tctcttaagc 720
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<210> 27102
 <211> 321
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27102

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 aatctcgtct tgaagcactg tatgctcggg tcttcgtcgc cagcatcggg ttgtgctcgc 180
 cccgccgttg tagcttttga agtaacggcc cgcggaggag ccctcgccga tgagcttggg 240
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 tgctcgcacg ttgctggttg a 321

<210> 27103
 <211> 1388
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27103

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 tcgcacgcgc gttcccttga caaacgtgcc tacaacgtcc ttggaggaaa tggcaaggtc 180
 gccgcgggtt ggctgatca tgataactgg tggcctgact ttgatgagat gtacgtcccc 240
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 cccccgttc atcctggcta tcgtcatcca ggaaagcaac ggctgtgtgc gcgcccctac 480
 caccaactac ggcgtcacca acccgggctt gatgcagtcg cacaacggcc aggggtcatg 540
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<210> 27104
 <211> 622
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27104

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 tgggagcccc atgtctacga tgacggttac gggaacccta ccattggata cgccacctg 180
 tgcagcgact ggtcgtgctc ggatgtcgcg tatgatatac ctttgtccga agaggatggg 240
 gtgaagcttt ttgcagagga tattgctgtg cgtctccctc cacggccttc ctctcatgac 300
 gggacctctg ggatggaaga aagatgtaag gtgctgatac gatgagtga acaggtctac 360
 caagacggcg tggctctctgc cctcgactcc tcggttacct tgaacgacaa ccagtacggg 420
 gccctcgtct cctggtgcta taacgtcggc gcgggcgccg tcgccgagtc gacccttgcg 480
 gctcgctca atgccggcga ggatcccaac actgtggcgg aagaggaact gatcaagtgg 540

gtgtatgcga acggcgaggt atcggagggg ctgaaacgca gacgtaatgc ggagattgag 600
cttttccaaa ccagcagtga tg 622

<210> 27105
<211> 1062
<212> DNA
<213> *Aspergillus nidulans*

<400> 27105

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cgccgctcgt caaggatttt tgcggcaaca ccagctgccg aagtcgaaaa aaatcaactt 180
ctttccaaga aacaaaagct tacagctacg cctcaagata ccggcttctc gccagctaac 240
cgagccacga agaagcggaa gcatgagaca gttgaagtta cagccgaaac cccgagaaag 300
gagcagatca atatggacaa agaggccact agagaaccag ggtctcagag atctcagaag 360
cggcgatcac accgtattag tgggtgtacct gcacccgata tcccagatga acttctgcc 420
ccgaagaagt ctccgcggcc cagtagttcg cagaagcagg cgtcgaagcc gaagcagaac 480
aagaagcaaa ctaaccgcat gtcggagaga cgccgctctc aacgagcggg agcttcgcag 540
gacgaaatca ttccggaaac ggatagttct atggagaaat cagttgaaca ttctcaactt 600
tctacgacag acaataactc cgagcaacaa ccgcaaccaa ccgatgctgc tcatagagac 660
caaccgggac cgcaggctag tcaacaagca gaagcgtctg gggaagccat agccattcaa 720
atagcggaat tcagagcaac tgggtcggaa cgagccgcag taacagatgt cgaggggtgca 780
tttatcccaa aatctcaagc ggaggccgag aagcaagctc tctccgactc aagccagcca 840
caccagccgt tgtccgcacc agatcaatcg acgtcagaga gagcgcccca accaaaccaa 900
gacttccaaa tctcaacctc cctccgctcc ctcatcgacc aagtgaagtt atcttcgctc 960
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gaggctttgc ggcgccatca tgccagtgc acccatggct aa 1062

<210> 27106
<211> 270
<212> DNA
<213> *Aspergillus nidulans*

<400> 27106

atgaagcgca tcggtcgggc ggtgattccg gcgcgccgct ttccgatctg tactgcgagt 60

ctatccgtcg ccgctgccgc gggatggcaa ccacattcag cccggtctcg tgtcagactg 120

ggcttacgaa acagcgccca cctcgttttc ttcgcaagac gaaggatcca ggatgttgga 180

aacaaaaaca ttttatgtcc aagcaagtca agcaagtctt cattcgcaga tggcggagct 240

gaagtacgcc taaaggatgg agccccttag 270

<210> 27107

<211> 420

<212> DNA

<213> *Aspergillus nidulans*

<400> 27107

gcaaagcgtg cgacaataac aaccacgccg gcgcacggca ggaccaacca cgaaaaagca 60

caaaaccaag aaggaccaag ccccgaacgc acggaaaaaa ccacgacaaa aaagaaagat 120

ccggaggacg agcagggtac tcgaacacag gcaaacaacg aagcccacag acaagacgag 180

aacaaaacct acagcaaaac accagacgcc tcgaacacac tgatcacaac cgcgaaacccc 240

caaaaacgcc aaaaaagggc aaaaccacac caacgaaacc acatcccca gcagcacacg 300

aacaccaaca cactcctaac aaaacggaga cccgacgcag ccggaaacct gctccagaac 360

gccacgacgc caaatatccc gaaaaccaac ccaaaaattc aagcgaagaa ccacagctga 420

<210> 27108

<211> 384

<212> DNA

<213> *Aspergillus nidulans*

<400> 27108

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gaagaagagg acccagagga cgaatatgaa gaagtggatg cgttcactgg gactgaggaa 120

gaaccgcct ctctaccgg cgtagtcagc tcagagctct cagattccga tcatgccac 180

agccgcggcc agcccgctct ggaacctgct cctgatcttg actcaagccc tcttcggcct 240

ccgcgtcct cttcgtgag aacaacgtca cgagaccgg ttctcggctc tgacgattct 300

gaccaagctg cgttgaatgc ctctccaaaa tccgtcgtat ctgggaagcg cagcttatat 360

tctggtgttg acgctgcgaa atag

384

<210> 27109
<211> 1030
<212> DNA
<213> Aspergillus nidulans

<400> 27109
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ccggttgaga gggaggtgag aagcctagag agtatgtgca cacattagta gtggaatgac 120
agaagatcta acgtctcggc agctcgtgat ctcaagtgtt atgcccgcga tctgggcaag 180
ctgccgggtt tcaagcacia atttggcatc gagggcggtg taaagggcgg ctttggatta 240
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gacaagaagg acgatgatga ttgggacgac gaccactggg acaatgacga ctgggatgat 360
gacaagaaag acgacaaaaa ggacgatgac aagaaggacg acgataagaa agacgataat 420
gggaattccg gcggccttgg attcgggtgtt gggctcgtcta acgggtttga ctcaaagaat 480
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gcgagggggg agcccaagaa ggacgatgac aagcacggcg gctacaagcc ggacgacaag 660
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tatgatgaca agaaggacga caagaaggat gacaagggca aaggcaaggg attcggcttc 780
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ggaggaggag 1030

<210> 27110
<211> 309
<212> DNA
<213> Aspergillus nidulans

<400> 27110

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gggcacaaga atgctgactt tcaaacgcga gtgcgcggca tcgttgacca ggccggtgat 120
cttcgcaatg agctggagaa tagccagttt acagtgcata tcaaccctgc ccttgtgcgt 180
cttgagcaag acccgtatct ctcacctacg gtcgtcattt tcacaagctt cggctttgct 240
gagtcctctg ggtattgcaa cgtgcccgga acgcatccag aggctaactc cagggatgct 300
gctgtgtaa 309

<210> 27111
<211> 474
<212> DNA
<213> Aspergillus nidulans

<400> 27111

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gttgcgctat cagtgcgcaa caccaacaaa gtcctctcgc aaagcgtgcg tgaacgagca 120
agtctcaatc accaatggaa attctggcac tccgagcaga tcccagacaa tattgtctac 180
gaccttcgtc ccgacgcgaa cgattccagt tttcaagtat taaagtcctg ggtcctgccc 240
gttggaacg actatatcaa gaacgccaat gcacaacatg aacgcccata taccgaaccg 300
gatggcgaca ttccatatgt gcataatgat ttgacgaca gtagttggga tgtcgtgcgt 360
ctgcctcatg actgggctat cactagacca ttttatacag acgacgaccc cgagatacct 420
tcagctatgg gtcgacttcc agtgcagggg gtgggggtgt atcggcgcaa ctga 474

<210> 27112
<211> 513
<212> DNA
<213> Aspergillus nidulans

<400> 27112

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cggatcccac ctatccttgc cgccggcaaa ggcactagct taagtcccaa ctctacaacg 120
gcggccgaac cccctttctc ccgcatcgca accatctcca ggcaaaaact ctccgtgag 180
gcagccaggg gcgaccaga tctccgtcga tgtctcgcc accaccgtct ccttgcgcgg 240
tctctatatg aggccaagca ggtatgaag cggatatctg aggaggtgct ggagagtga 300

agcgaagatg atgaggatat ctatggggag tacgagtttg gaaagggaga ggtcttgctc 360
caggaggatg agcttggtga cgatgaagac gatgacgatg acgatgaact ctacgatgat 420
gacctcgagg atgaggatga tgatgaagat attgatgacg aatgtccgac agtggaagaa 480
gaggaggttg tcgctcccc tcctctatata act 513

<210> 27113
<211> 279
<212> DNA
<213> Aspergillus nidulans

<400> 27113
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acccaagccg agatctacta catcacatca ggccgtggga tcgtgaacat tgagggcttc 120
cagcacgaag tctctgcggg gagtgtcctt ttcacccccg gggacgcgga gcacggcgtc 180
gtgaatcgcg gagaagagac gcttgagtgg ttctatgttt tccccacagc tgggttcggg 240
gatattgttt atcgggttttc tggtaaggag tggtggtag 279

<210> 27114
<211> 450
<212> DNA
<213> Aspergillus nidulans

<400> 27114
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cccggcgcca tgaatgccaa tgcagcgcc agcaaccgca acgttatcta ccccggtcaa 120
tctggcgcca gggcggtca cagccgcgc tcgtccacca ccgtcgaaga ctattcgcg 180
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ggcagaaggt cagccactag ccgcagcagc aggagcagta acaccagtgg ccagagcggc 300
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<210> 27115
<211> 282
<212> DNA

<213> Aspergillus nidulans

<400> 27115

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gtccgtatatt actcctgata catacgcctt gtggattggc accacctatt tgatccttag 120
cagcaaagac ctacgggtga tgtgggctat tcatccttct aaaacctagg ctgtaccgca 180
cggaagtgtg tgtgagcagt cctctaagta ccaaccgtac gatgctcaat ttcaaggccg 240
ccaacgttgg tattcagacc atcgagtgtc cagacgcctt aa 282

<210> 27116

<211> 256

<212> DNA

<213> Aspergillus nidulans

<400> 27116

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caccctctct tcaaccccg aatctcctcg catgttcttc ctgaaccaat ccgagacgag 120
attacaccgc ccccgaccg cgcctcttct gcagatccag agaaacgtgc tttgttctct 180
cctgggtgtc agcggatcaa tctcactgag agtatcggca cggtcctgga gggagtccag 240
attagccagc ttagtg 256

<210> 27117

<211> 242

<212> DNA

<213> Aspergillus nidulans

<400> 27117

accgtacttt gaccaagaaa taccgctctg ccgaggagat tgcttctgac atccgcgagt 60
acgaatcgca accagatgta gaagatgtgg gcgttgctga ggtggaacat tggactatca 120
ctggggcgac agcttgtccg aaagagaaga cgcttcggca gcgggagaaa tacttttctg 180
cagtccattt catgtcgcta gaagaaatgc tcagtttggc tgaaagccag ggccatgtct 240
ag 242

<210> 27118

<211> 1221

<212> DNA

<213> Aspergillus nidulans

<400> 27118

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ccacgaccgc tcggcctccc ccccgttctg gcgcccggcg taaagctgga ccccaaatacg 120
atctgtcatc ctggcctcga gacctctac atcggttctc tcggcacgag aaattatcac 180
agagccgtcg ttgcagact cggccataaa cttgaaatcg gcagtgttat cgtgaaccgc 240
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ttcactcggg atgtcgagac actcaaggca atgcgcgtgg cggacccggc tgttttccag 480
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gatacgtccg catcgccgac aatccaatct cagacttacc cttcaaacac tcccgccgag 840
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gattaccgag atacaaatac cgccccacag ggtagtgcct gggagcgcac ccgacaacag 1020
aaccaaaatc cgtcttataa cccgtctgta actcaaccgc aataccaacg agcaccgccc 1080
gctgcagagg ctacgggtaa tgacagctat cgagagcgag agcgcgcccg agccgagttt 1140
gaccgtatgc ttgaagcaga gcgaaaccaa cacagtgact cggacggcgg atcgcgcggc 1200
gcgagtgggt ggtggaagta g 1221

<210> 27119

<211> 204

<212> DNA

<213> Aspergillus nidulans

<400> 27119

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 ccggaaccag gcaggatggc ctgcagccag ccatccctga gggatgccgt caatccactg 120
 tcatcattag cttgtccgcg gtctagtata aacacaaggg tgaaggatgg cgtacattct 180
 ctagaacgtg gcagtgggtca ctga 204

<210> 27120
 <211> 219
 <212> DNA
 <213> Aspergillus nidulans

<400> 27120

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 gggtcgcagc tcaagctctc ggcgcttcac gaaacaacac cacatctggg gatcttcaat 180
 ttcgacggcg ctattgtctc tcacgcattg atctgctaa 219

<210> 27121
 <211> 512
 <212> DNA
 <213> Aspergillus nidulans

<400> 27121

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 attgacaacc ccgaggtcga gttccgcttt ggcaagcgag ttgccacaac ccccgagtgg 120
 atggagaagg gcggtcgctg cgaggctaac ctgcgcttca tcaagctgaa caagccgttt 180
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 gttgtgggct ttgccggtga cctcaagaag aacggcgagc ctggtgcaac cctgtacgag 300
 tgcttccaag acacgaagtg gactctagac aagtcagggt ggcagatgct cgagtatcaa 360
 attgatccat atggaggtag gctattaaga gcgccttgac aaagcctacg catctaacaa 420
 gtccaggcat gtccgggtgct ccagttctcg acgaagacat gaactgcatt ggcgccaca 480
 cctacggcgg ggaaaggaaa tgcgccacgg tc 512

<210> 27122
 <211> 312
 <212> DNA

<213> Aspergillus nidulans

<400> 27122

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tatgacacgc gacaggacaa acacataaag gggggaacaa gcgcaggccc gggcacgacg 120
gccgccctca taatgcacgc tgcgggaaag aaaaagggga aggggaagaa gcaagcaggg 180
cgcaggacaa accggggcagc aggcaaggac ccaaacacgg atgaggcaag cgcagaaccg 240
cacgaactga gagaggcacc aactggcgaa caggcaagcc acaacccgga agaggaacga 300
ccgccaagat aa 312

<210> 27123

<211> 396

<212> DNA

<213> Aspergillus nidulans

<400> 27123

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gtcacactta gatcagcgcg caatcccttg ctcgaaataa ctctgtctaa cgtcccactg 120
gccacaacaa ccgtgtcgga cttgaaggac gccgtccgcg aacgtgttct cgaaaacacc 180
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gtaacgggta ctgggaagac tggtgcggat gttgtgagt atgccggaga agaggagtta 300
ctggccggtg gtaaggaggt agagtttggg gttatgatta taggaggggc aagggttatt 360
gagggccaaa accaagcaca gggagaggcg ccttag 396

<210> 27124

<211> 273

<212> DNA

<213> Aspergillus nidulans

<400> 27124

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tgtagctgac ataaacaggc ttctactcag gatttccagc catccttcga ttacatcaag 120
gcccaggaac aactcttcct tgaaaccaga tcgttatccc atgctcgttc cagatcggcc 180
atgtcggaaa ccaccgagat catcgactca gactacgata cagattcaag aaacgcaacg 240

tccgatagct cgccctacag aagtgtgac tcg

273

<210> 27125
<211> 511
<212> DNA
<213> *Aspergillus nidulans*

<400> 27125

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aatatttcaa ttcgcgcgaa cttcattgtt tgtgtgtttg cgtcatcgca gtcgtcgccg 180
tccgaattca aattggctga ctttggattt ttgctttttt cttgcagcgt tcccgcacag 240
tccgttgaag agaacgtcgc aaagagcgaa accgaagttg agcaagctcc tacagaaacg 300
gttgaggcgc ccacttccac ccctgctacc gctgccccgg agaccaccac cgagaccgct 360
acttctgcgc cagaagctcc accgattgct gccgccgcca ctgagaacaa agacgaggtt 420
ccagtccccg ccgcaaaaga tgctccgata gaggaggcgg tggaagcggg accgaaaacc 480
gaggcaaagg aggatgagct gaaagagact g 511

<210> 27126
<211> 1217
<212> DNA
<213> *Aspergillus nidulans*

<400> 27126

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ttcgactact ccgactatgg cctcgacgac gaagactttg attttgacta ctccgactat 180
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ggtggtgaca gcggtgatga tggcgacatc acgaccccca gctcatctga ctacgacatg 300
aacctggacg ggacccctcc taacggagag ggcagcacca acggcctgcc ctcaagcttg 360
ggcggcgcggt tcgggtctga cttctccaac cagcaggcca gcgactcgtg cgtctcggag 420
gtcgcatcca agaccacagc gccaaaggta gatctcgcat ttgacgtgat cttccttgtt 480
ctctttatcg cactcgctgt ctttactgta atccgcctct tcaagatcaa gaggaacggg 540

ggcgcatg tgaattgggt tctgtttccg atctctctat tcttcactat cctgtaaggc 600
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 cgacacgata actctcatcc tctcagaatg cgtcatgatg cgcgggcgaca aatactggga 720
 tgcccaaaca gctgttcagt gggtcagcag gctcgccatc ttcttgctga ttgtcatcat 780
 catgctcccc atctgccgca agctccaaca aggaggcggc atattcgcca ctctgaccct 840
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 ggacaatgtc tacggta 1217

<210> 27127
 <211> 394
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27127
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 cgccaaggctg cgcaaccaca gttaccgctc gaaatacga tactacgagc agcaaagcgg 120
 agacgtgcag ctgtccaagg tcaagggcgg cacaagaat gggcgctcgg taaatctgtc 180
 gcgtcgggat cccgaggagc aggactttgt gtcggatgag agcggcctga tcagccacgc 240
 gggagccgctg ggggatgttg ctgttggtga tcgtcatgga gatccagctg ggaggaggag 300
 taaaggaggg attcacaaga cggatgatgt gcagcagacg gtggaagttt tggctggacg 360
 tgtgcaggcg gggaagaagg gttcaacgta ctga 394

<210> 27128
 <211> 264
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27128

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gtttctgtcc gtctctcagc tgtcataact aaaccatat ctgctctgcc ccagtcccag 120
ttcccatctg gcacccgcgt ccgtaccaa gacgcacact acattgtcat cggcgccgcg 180
gagcgcggcc gcgtctcat ccagaacgag gataacgcgg aggatatact gcgtgttgag 240
ccggatagtt tagttaagt ctag 264

<210> 27129
<211> 363
<212> DNA
<213> Aspergillus nidulans

<400> 27129

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tattcttgct gttattgggt atgtcctggt tgctgaaacc gtcctacata gtaaggaaac 120
gtagctaaca attatctctt agcttcgcgg ctcacgggtc gtaattccgc ttccccaaga 180
tttttgctct ctgctgcctt tttatctaac cctaccatga aacaggctac gccgtctctt 240
gccagaacca aggcggatcc tgccacgatg gagaccgtga ctgccccgcc ggtactgaga 300
gcgtcttctg ggacaccggc tgtgcgagcg cattctggcc gtgggaggaa gatgacaagt 360
gct 363

<210> 27130
<211> 210
<212> DNA
<213> Aspergillus nidulans

<400> 27130

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cagcacgcat cggaatgcga accagtgacc gtaacattca ctgcagggca atggttctcc 120
gacaaccac cgaaagagca agacaccga ccggaagaga tcgccgcgca acgctacatg 180
agagagaagc tcaatgggga actctattag 210

<210> 27131
<211> 297
<212> DNA
<213> Aspergillus nidulans

<400> 27131
 atgccccgat acgcccaccg caccagctc accgactcg aagacgactt ctcagagtca 60
 gactactcta tgatggaggg agcccgtagg catgttagga gacgatccat tccccgcagt 120
 cgctatgggc ctagtcacag caacgcctat ttaagccgc acggcactct ctacgaagac 180
 gtgcacatca aacgggtccg ctcgacgggt gcccgccgc accgcgagcg gcaccgagag 240
 cgagatcgtg atcgtgaccg ggaccgcgag cgagtggacc gcgtagcagc gtcgacc 297

<210> 27132
 <211> 572
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27132
 acctgtccgc aagcgtgacg agaagaccat ccaggtcagg actccgatgg cgttctccgg 60
 ctctcatatc gacaagcggg ggtggggagc attcaaggac tggctgagga agctcgtatg 120
 tgtctctacc cttccccag ggccccttct gatcggtttc ctgaccacct atagactacc 180
 gtgaccaagt ccagtattgg cgtcatcccc ttaggcttca gccacacaat caacctcttc 240
 cgggcccagt ggggatgccc cggacagacc tactcggcca acctgcggat ggatctggag 300
 gcagacctcg cgatggacgc gacgtatgcc tattacctct ctgcgacctt tatccgcct 360
 ggcaagccgg aaacctttgc ttactttggc atggagccca ctgcctatct cgggcttcac 420
 attgaaggca acgccccaat gcagaccacc acgggcagga agaagattat cgacacgctg 480
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 ggagaggcgg gtttccccca tcctacccat tg 572

<210> 27133
 <211> 207
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27133
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 tttcgggaat tgaatgcctt tattgacgag aagctcatca agcccgtagg cgatgaccgg 120
 gtttttgggt ttgcggagat aaggagggcc tatgagtatc tggagcagca gcggcatttc 180

tcaaaggttg ttattgatat tgattga

207

<210> 27134
<211> 484
<212> DNA
<213> Aspergillus nidulans

<400> 27134

atggacgctc ctcgcacga catgccttt gcggcactgt actttattgt gacgttggtg 60
ctcttgattt tcgcctcggg gcgcaccca cggagcaaga aacaaggcca gcatgtcgcc 120
ggcgctgggt tcctcaacct gtcaatcatc ttgcctcggg tgtaagtgtc ttagtggtcc 180
gggggacacc gggccaccac ccgcgtgct tgcgtatata gaggaacctt ctaacaggat 240
taacagcgcc tatatcgtca ctatcgttta caccgttctt accgaatgcg acgtctacag 300
ctatcgccac ttgtaccatg cgtccgtgct tgagctctgg ctccgcgccg tctctgagta 360
cctgttcttc gcggccatcc tgatctacct cagcgcaag ctgcagacag atttcgggct 420
agtgcagccg gccattcaca ccaaaaagaa aatctgggcc gtcctgatcg gtcgagtcct 480
catc 484

<210> 27135
<211> 279
<212> DNA
<213> Aspergillus nidulans

<400> 27135

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agtcacgccg atccccccg tcattatatt tccatcattg ggttccccct actcagtcac 120
aatcagggtc cgcacccgga aaggctcacc aagaggcacc agctcatggt acctctcgtc 180
gttcagagca ccatgcgtct ccaggacgaa aaaggaaggc ttccggtcct caccagcctg 240
ccccagtacc gtcctctcgc tcctctgaat cacttatag 279

<210> 27136
<211> 237
<212> DNA
<213> Aspergillus nidulans

<400> 27136

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 cttgctgcta ccaacgagca gaccgagaca aacatctctt cagtccgtga gcggttctgac 120
 agctcgtcgt ccaccaccag cagcacccga ctgagtcggg gtgctgctgc ccgcctccca 180
 gcgggattcc tcttcctagg ctacgaccac cccacggccc tcagtcccgg cctctga 237

<210> 27137
 <211> 397
 <212> DNA
 <213> Aspergillus nidulans

<400> 27137
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 ggaggctaag gacctggagc ctctcaacc tgtagaaccg gcctctacag cagagccagc 120
 caatgaggaa aaactggcgg agcccaccgg ggaaccttct gtagcaaaac cagctgaaga 180
 agcgccagtt ttagtggcgg ctgaggagcc acccgctgca gagtctggtg aagctgaggt 240
 ttcagcccaa gaacctgttg acgagcaagt gcctccctca actacgactg aagaggaagc 300
 acccgccaca aatgctcagg agcccagacc cgcctcggca ccggccgaag gaacacctgt 360
 tgcggaact cctgctgttg aagtcgaagc cgaacct 397

<210> 27138
 <211> 1062
 <212> DNA
 <213> Aspergillus nidulans

<400> 27138
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 gaccccagta tatcgcttat tctgaatddd atgccgaacg agtaccacga actctacaca 120
 atcgccgccc tccaagccgg caagcacggt atggttgaga cccccgtgag cttgagcatc 180
 ccatccgcaa agcggtatct tgatgcagag aaagatgcgc cgaacggggc gcgcgtcttt 240
 gtagcctgtg caaggcggta cgcgccttgc tttgaaagtg tggtcaagaa agaggtggcg 300
 gagctagaga ggatccatta tgcgcggttg aggatgatcg ccgggcccga tggtgcgcat 360
 acggcgacga gtctaagggt tgtttcgagt gatgagcccc agctcgggaa cggttctaag 420
 gagggggtcc agggggagaa ggagaaggag gaggaggacg aagatcgagc agcgcgcctc 480

cacgacctga tggaggaggt ctttggtaaa gaagaacaac caaatcacga ggcgatcgcc 540
 ctcatcgct ttcttgctc gctgggctgc cacgacctcg gtttgatgcg agacacactc 600
 ggctatccag atgcgatctc aaatatctcg gtgaatgagc cattctactc agcgctgttc 660
 cactacaatg gcagcggtgc cggtgcccgg tacggccgac atccgtttac gctcatgtac 720
 gaaaccggga cggattgcgt accgcgatgt gatgcgcagc tggcgggtgta tggacataac 780
 aaaactgtca ctattcatta tgacctgccg tatgcgcggg cacagccggt tcgcgttggt 840
 gttgagaggg cagatgagcg cggtggggtg atgcagacag agacggtgag tacctgggag 900
 gaggcttacc aggaagaatt gaaggcgtg tatgcatacc tcgttgaggg gaagccggca 960
 aagacaactg cgagagattc gttgcaagac atcaagctgt ttcagacaat attcgaccag 1020
 tacaataagc aatgtgggac gatccgcact ccgcttggtt ag 1062

<210> 27139
 <211> 303
 <212> DNA
 <213> Aspergillus nidulans

<400> 27139

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 agcgccggaa accagacca acagtccgga aaccgttcgc aaacgggccc tagctcgaag 120
 tcacaaaaag atccgacctc tggctggagt gtcaggaaa tgcttgagac tggactcgat 180
 cagaacggca acattgtctc ggacgattat tcctggattg acggccgctc actaaataag 240
 ggccaacacg gcggccaaga ggccgatgat gttgccgctt cgcttgatga gcatttcgct 300
 taa 303

<210> 27140
 <211> 286
 <212> DNA
 <213> Aspergillus nidulans

<400> 27140

gggaggcgcc ggccattacg gtctgcacga ggcaatgtaa gtggtgttca ggactggatc 60
 tagaggggca taccgtgcgc cccagcaggg ccatcggttg tggccatctg ctttgtatct 120
 agaatactgt tctcgcaaga ctcagtagct gtattcaagg aaaccctcgc tctactgcag 180

ccgtggtgtt attggcggag gaaatgttta ccgcgttgga caccgaccga tagacgcca 240
gcggcggcga gcagcaacgg gcgggagcgc gaaaggaaag gaggca 286

<210> 27141
<211> 475
<212> DNA
<213> Aspergillus nidulans
<400> 27141

ctaaacaagt catgtggtcg tccaacaaag tgaggtgagg tgtaccaaca caatatatca 60
atcttggttac acttcaccaa cagtttacct cacaacacgc cccctacctt atcaagtcac 120
tccccaatcc cctttcctac atttgcgatc agtatactac attactcaag gaaccacccc 180
gaaagcaaga tgtccccac ctgcgccgct ataattgcag accccaatc cgccccctca 240
aatcccaccg cgacctcgac ctgggcctcg aattcgaacg ccaacaccgg ccaagacccc 300
gtctctgaca cactcgaccc gcgcaccctc gcaacatccg ccttctactgc ctctcttcac 360
tccctcggtc aaaactacac cagtgcgctc gtgcgatcgag ccagaaacct ccactcta 420
tcccaggctt tgaagaacca agaagcgcag ctagcgcgac acactgagag cctgc 475

<210> 27142
<211> 384
<212> DNA
<213> Aspergillus nidulans
<400> 27142

atgaaggtct ttaatgccat ctgatacctt tatactctcc tccctccct cgccatcgcg 60
caatcaccca tagatgccgc tctcgctcag ttccagcaac taaacgaccg gatcgacagc 120
gcgcagcggc ccatcaacgc ctacaacggc ggtgttttgc ttgctctccc cgttgcgaac 180
agcctctaca gcgcacacac cgctgcaaca acagcgcgctc agtcccttac agcactagat 240
cccccttctc cagaggatag ccagcgtgcy ctggacgcat acaacgaggt tcatccgcgg 300
ttacttgcaa ctctcgcggc cggacgcgat aaggttcaca tgcttcacct ctgtgtttcg 360
tctctcacgt atatgatggg ctaa 384

<210> 27143
<211> 557
<212> DNA

<213> Aspergillus nidulans

<400> 27143

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aacggatgac agtcgtcgac gatgcttctg aagatgagca agaagatctc ttcccagaat 120
cgaggaagga aggcccgagt gagacccgcg aaagcagaaa ggaacgagat gagaggctta 180
gaaagatgat ggaagatgac ggtgggttgg tctcgaacat tgtgcatcat cgaatactaa 240
tgagcgcaga tgaagatgaa gagatgatcg atgctacaga gccgccaca gaatccgaaa 300
ccatagacaa gccgcccccc aagcaagagg acctcaaggt tgaagccacg gtcaaaggcg 360
gtcgtcgcag aggacggcgg caagtcatga agaaagtagt taagaaggat agcgaaggct 420
acctcgggtga gtctatgctg ctactcggag aaatgccgga tttacctaat attttcccag 480
taactgtcga ggaaccgagc tgggagtcac tctcggagga tgagcctaca ccaccaccgc 540
ccaagaaaaa gccagga 557

<210> 27144

<211> 408

<212> DNA

<213> Aspergillus nidulans

<400> 27144

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caagcggccc tcgactttgc caacggcatc tgcggcgggtg ccggagtcag tgatctccct 120
cagtccgcca cctgtgctag cgatgcaacc agcaccacag ccaccgtttc ctctactgtc 180
acgaacacag agaccactac caccacggcc gtcacttcct ccgaaagtga tcagacttcg 240
acagaagctg cctcctcgac ctcgccgat acttctactc agacttcaac ctcgactgaa 300
actgagactc cagctagctc tgaggatact gacggtgcaa cgcctctccg gggcaagagt 360
gtcgggtgtcc ttgctggtat tgttgccggc attgcattcg tgctctaa 408

<210> 27145

<211> 495

<212> DNA

<213> Aspergillus nidulans

<400> 27145

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 atcttgcatt tagtgcattg tcagggggccc aggtatgctg ccgctgccgt ggatattgcc 120
 agatggtgta gtgacgagga gcagcgtcgt gcctgctggg gcgatctggg aaatggacgt 180
 ctttgcacc accattcgac gcacgcccac tgcaatggac tggtcgcaa ttgagatcct 240
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 ctggttcatt gtcattcaact cgttaatgaa agaggcgac ggactctcaa gccctagagg 420
 gatccccagt cggtcgcagt cggaccaggt tgacgaagcc caccaccagc tagagatcat 480
 cgccaatgca atccg 495

<210> 27146
 <211> 497
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27146
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 ccatagcata tcttggagcg tgcattgact aacagtgcct gtatggttct agatccaaag 180
 tccctgtac tgtccacagc tctcccaaa ctccgaacct tgaccatgaa ttcaagcagc 240
 catacaccca ggacataatt cgcattgtga ctgctgctct ccatgacctt gcagatgaga 300
 caaagtgcatt aaaatgcacg gttgagaagt cctctgctct tctaaccagc catttatgcg 360
 acatccaagc cgcaagaag actgggcagt ggtcaaagga ggagaggaag gcactaaagg 420
 ctgaagtga gagctccttc aaacctgtga agaaaactgt aaaggccttg tggaaagagg 480
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<210> 27147
 <211> 2252
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27147
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ttacgggtacc accttctctt ctgtctccta catcaagttc gattcggcca ggcctcctcc 120
 gactctcttt ggagcgcaaa tctgtcccat taccgattgg cccggtgtcg acagccgggc 180
 acgcaacatt ccagaagtcc cgagcgagag ttggtatcta ggcgatcgat tctactgggg 240
 atatggcgct cgccaaggcg tcgttgcgat cgaagacaat aatctaaact ataaaaatcg 300
 gatcattcag tatgcaaagc ttcttcttcc ggggaaccaa aaagaaactc gaggcccgcg 360
 tgaagaactc cggagaacct tggtaagggc tcgcaaggat gaaacagagg caatcaagga 420
 ctatctcgga cagatcttga agtatagcaa agaatttctc acagagagag aagaactcag 480
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 gatccagcta tgcaaaccaa actctcaagc accaggccat agagaaaatc aagagtacag 1020
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 agtttgagta taaaatcaag agaggtttca atccggcaga tgggctggac ggggacgaag 1140
 ttatagtcgt gcacgggctt gagaggaatg agcgtttggg atttgacac aacaccatgc 1200
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 ggtcgaggta tatcacactg ttctccgaaa atactatttt ggttgattaa tccaaggcga 1440
 aaattgctga caccacggat acagacaatt ctgttggttg gaggtttctc agctgcccc 1500
 atcctccgct ctcatataga aacagagttc gaagctttga agattatata tccgccaag 1560
 gggctgtaag tctcagtatg cataaaagcc gcgcctggct tacggacaat agtgatagcg 1620
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cttggacagg cgcggaagtc tttggtatcc tgcagataga cctagagcca gtgaaaaacg 2160
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<210> 27148
<211> 294
<212> DNA
<213> Aspergillus nidulans

<400> 27148

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atgcaaaggt tgagcgatgc tttcttgaaa cgccgcgagg agacattcta tatatattcg 180
ctccatgaca aggaacgaaa acggatgcga tgtaggatag ccgaactaga ggccgaaatt 240
gaagagctgt atgtcaacgt ggatctttgc catcttgccg ccggtcagga ctaa 294

<210> 27149
<211> 249
<212> DNA
<213> Aspergillus nidulans

<400> 27149

atgtacgtga tcatagtctg tgcgacccta ccgacccttc cgcaagctta cgctgccatc 60
ttgcacaagc gcccatccta ctacgactcc tcgaactacc gcagcggcaa gtcggagcca 120
aagcaccat tgatccgcct ccagcgactg ccagttgcct cgctattcga aactgtcgct 180
gcagaggaac gggtatcgag ccaagagaat atcatcgaca aagttgggaa agacgggatg 240

aggatttag

249

<210> 27150
<211> 567
<212> DNA
<213> *Aspergillus nidulans*

<400> 27150

agtcgccagt ttacgaggac tggccgtctc cctgttcgcc aaattggata gccgaggaac 60
tcacgccgga cccttttttc atcgattacc ttgctttact tgccaacgcc agtccaggta 120
agttaagtaa acagacactt atactctatg cgcttattga tagggcggtta aaaggctttg 180
ctggattaac ggctcttcac gagatcgtac ttctggatcc cccaacgtcg gtgacttcgt 240
tcctctcacg ctcatcattg catatggaga ggaactttct gggtcagacg cctttacatc 300
tagcggttca cgatgtggaa acagtccgtc tgcttgcca aagtggccat gacatggaca 360
tccaggacaa ctacggtatt acccctttaa tgtatgctgc aggaatgggc aagacagacg 420
tggttcgctt gctcatcgag caaggggcga accctttcat ccgcgatacc agatgggaaa 480
ggaactttat tgattatgca gctgcccga accattggcg attgttaatg gacattctag 540
acacggttca agacagctac tcggaga 567

<210> 27151
<211> 480
<212> DNA
<213> *Aspergillus nidulans*

<400> 27151

gtaatagtca aaaatcctgc aactactacc cccaagcacg cccgcaagcg tgctgccgcc 60
cttgctgcgc ttgttgctgg agaggaagaa gaggaagatg aggaggcgga ggaggaggag 120
gaggatgaag aggaggaaga gaatgcccgc tgctgcaaag gcaaagcccc ggccacctct 180
gcccgaagg gggttcattt tgccagtcac gacacccgtg aacatgcaga taggggtccc 240
cgccgcgccc agcgcttaca caccatgctg gccgtggcgg cccgacaggc atctgccgcc 300
gctgctgccc aggaagctct cgcccagacg ctgctcctgg tagccgccga gtacgccgat 360
gatgatggtt tccagggggt tggtggagag gaagaggagg aaggagaggg aggaggagat 420
gaagatgagt ctgagctctc ctactggat gaggagattc tgactcttgg caggtcataa 480

<210> 27152
 <211> 336
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27152
 atgcttcacg acggccacgt ccgctaccaa acaacagaac catacccgcc ttctctcttc 60
 gatcttcctt ccgtaccoga atcatccgac cgcacagac tccgtggctt ctatttccac 120
 ccgtttatgc agatctgccc ggccattacg acaactgtgc cggacgagat ggagcgcgca 180
 tctgcggaag tcgaggcgca gacctgtggc tacgcaggcg ctgttaattc aacaggcgac 240
 tgtcgggctg gaccgcgcta tgtcgtggta ctttgcacag aagaaccctt ttgcacattc 300
 tgtgatacgt acgagggagg agtggatttc gcatag 336

<210> 27153
 <211> 1108
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27153
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 atcagcattc ctctcttcat tcccttcggt aatgtggta cgcacaggta aaggaatcct 120
 ttacacaggt caatgccaac attctgctga cgatgaggta cgtccttctc ttcaagccct 180
 tctcatctc ctatctgtct ctgcgcctaa gtacaccaac ctactaacat cggaaccat 240
 attccgcgaa aacagtgtct tctccaaaga cgatgtgaga cagatcgagg taatgggttc 300
 tgcaggaacc gtgataacca gacttgcgcg ggcgagtatg tcgttgggaa cgggtacgtc 360
 ctcccaaagc catactctct tatatcaact atccacccta cagcagtgag tgttataaga 420
 cactaaatag tctaactcgc tactgcagcc cgactaccg tgtgtcggac cggattatat 480
 tgtctgctgt gtcgaaatgg aagatatggt gaatgttact tctaattcat ccccgagtac 540
 ggatacgacg acaacaacaa caagaacgac gacaacgaac tcacctacac ctggcctcga 600
 aacaggagca gatggcagtg gcagtgggtg tggcgatggc ggactgtcag cgtcccagaa 660
 gggagggata gcggggggaa tagtgggtgc tgttgcggtt acaagtatta tcttcttgc 720
 gtttttactc ctctgaagga gaagaaagca gcagcaacac gggcaggaac aaccgggtgt 780

tgaagaaagc gagggacgaa gatctgatta cactggagag gggaaaggaa cggagaggga 840
gacaagtgga cataatgtag gtggcggaga aaatgagata ggggttgca tgctggcgctc 900
gagggagaaa gccgagctgg atgcttccgg tcgggcgctg catgagatgg agtcaccgac 960
ggtaacgaag aacataaagg agattggtgg gtataggga ttggatggca ctccgctggc 1020
aattgctgag ctggctgttc ctgagactgg tctgaacat ggacaaaatg gacagaaggg 1080
gaaaactggg cacgaacaag cgccttaa 1108

<210> 27154
<211> 498
<212> DNA
<213> Aspergillus nidulans

<400> 27154

atgccgaccc accttggccc accacagact acagggccca cactgtcgg acaggcacia 60
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ccgcccacag cactcagaac ttgttctgag agtccaaggc tagagaaagc ttccgaagaa 180
ctggtcagcc atgttaggac ttttgccgag gacgttgaac atcggatcaa cgacctgatc 240
tctagtgtgga gcctcaaaca gaaagaactt tctattcttc gagatttcca taagaaagtt 300
atcctggagc gtgatgagct gaggggaaag cttaacgttg agataagaga gaatgaagga 360
tttaaaaagg agattgaaga cctaaaggca gagctgaagc taatgaaaga ggaaatgcgg 420
aggggttgagg aggacaagaa aaaaattacc ggtgtttaca ggaccctcga ggagctgata 480
agatatgcga aggattag 498

<210> 27155
<211> 318
<212> DNA
<213> Aspergillus nidulans

<400> 27155

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atccttctcg ccgactcatt ctccccgaaa gtcgagccga agtattccac tctgcgcgctc 120
gccgcaggcc tctttgagcc aggtgattcc agcgctagca caggaggcag cgtgccgggc 180
gtcgccctct ttgacgccga tagcaaccgt gttgggtttc agtccggcaa gggccacggc 240

aaaatcgagg aaggaaacta caaagacatt tctgatcgct tccgatcaag agccagaaca 300
ccatcactcc gattttga 318

<210> 27156
<211> 465
<212> DNA
<213> Aspergillus nidulans

<400> 27156
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gaggagcgcc agctcgatcg cgagactctc aaccgactcg acctgatcct gatgcccattg 120
acactcattc tgtatttgct ggcttggtg gaccgcgcga atgtcggcaa tgcccagagtg 180
gtacgtcgcg cctatatttc aaggacctgc tggctgactg ctggctgact gtctaggctg 240
gcttggatac cgatctcaat ctgagcgact accagtataa agtcggtacg ttccgcgctc 300
acccaacact gtttagatag gctgtttgac tggacagcga tcaccgttac gtatgttcct 360
tatatcctct cggagctgcc ctccaacctc gtctgaaga aaattcgac cccgattct 420
gcttccgacc ctgtgcacgt gctgacggct tgtcacggtg cttga 465

<210> 27157
<211> 306
<212> DNA
<213> Aspergillus nidulans

<400> 27157
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caagagtcct acgtcggctg cttcagcact cctggctcct tcgaaaatct cggcacatac 120
gttttccaat cgatcggcca ctgcctcaac caatgcacca aggctgggta taatatcggg 180
gactatgcgg ctgtcaagga gaccgattgc tattgtggag acgtcgatcc cgcaaaggac 240
gatctggctg atgatgatca gtgtaccacg cagtgtccgg ggtatgcgcc ggatgtctgc 300
gagtga 306

<210> 27158
<211> 276
<212> DNA
<213> Aspergillus nidulans

<400> 27158

atgaacccta aacagaagac agcaattatc gtgcgcgcgc ttgtcctggg tcccattatt 60
ctgggtctgct gtgcattcgc cctagccctt ggctgcgcgc agtttttgag ctctgggcgc 120
ttcactctca tcaaacccttg gattagacgg caactggcta ctgtgcgaaa acaactcaag 180
ccagtaagat ccgatgatcc tcgtgctgta aagcagggtca tcaatcgcaa caatactgcg 240
aatacaggaa ctgccatgac agttgcggag gtctga 276

<210> 27159

<211> 387

<212> DNA

<213> *Aspergillus nidulans*

<400> 27159

atggagaaga tccaagtcca gggtacaaac gacggcaaca gcaacgaccg cgtgaagcgg 60
ttcagtaagc tcgtcaccac aagcccgaca ttctgccacg agatccttga gaatgacctc 120
atgcacgaac tcttccagcg cgtcttttagc aagcccgagg agggcatggg ctaccacttc 180
aacgacacaa tggatcatga agtgcaaccg ggccgccccg cgcagcgccct ccaccgcgac 240
caggagctct acccgtgggtg gaactccatg ggcccagatg ctcccagatg cctcgtcaac 300
ttctttctgcg ccgtaactcc ttccaccgta gagaacggcg ccaccgtct cgtcccgggc 360
agcaaccgtt ggccggagtc acgtga 387

<210> 27160

<211> 1247

<212> DNA

<213> *Aspergillus nidulans*

<400> 27160

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ctgacggcaa ggtctctcaa tcacgaccgt aatgtcgagc tgggcgagct ccaggacgtc 120
caagacttct atgcaaccct ggagcaatcc tcctttctgta acaccagaa cggttcgttc 180
gtctgggagg acattaccga gtttgagacc ctgcagcata tcgacaattc tgcgctcgag 240
cttgccgggcc cgaacttggc ccgtggacac agccttgtct cccgcgagga ccaatgcacc 300
gaactcacgg gtatcacgag aatgatctgc gacaatatgc ctagccgctg gaccttctgg 360

gcctttggcg ggccctgat catctactat gcccgaaggt taatgaccaa ctggctcaat 420
gtaagttaag tcctcatggc taagcgagat acacaatcta gaaaaacacc tgggcggaga 480
ctgacagtga cgctctgcaa aaggacatcg cggtcgcaat ccaagcaggg aggaacctgc 540
gccgggtctg gagagatggc tcctcggggg ccaacgggct gacccccac gacgagctaa 600
gacggacact gaacatgaaa gcccgcgagg atgctgtcga ctaccacttt tcctgccgt 660
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gcgacagcga ggggtgtgat ctggccatgt tgtctcacga ctacgtcttc agcgagaccg 780
accaagtctt ctgtacgtca ctgtcattct accacacat acctaccaa aagggccgtg 840
gagtcgccta tatctttcaa taggcccgtc ctaactggtc ctgtagctga ctaactttcc 900
cctccgtaat atcagactac aaaggaacga gggggacctt ttcgttcggc gtccccgagg 960
gtaaagacaa gagcccttct cgcaacaaca cgctcgagct tgaggcacgc gcgccgacac 1020
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ccagctgcat tgcaagctg ttgaagttcc acattgaccg cagctcggag acgaaccgct 1140
ttgcttgccg accaattgat aacaaaggca agtggcacgc aacaatgcac ctgatgatca 1200
accgcgggaa gcgaaaccgg ggcactgcgc gcacctgctg cgactaa 1247

<210> 27161
<211> 479
<212> DNA
<213> Aspergillus nidulans
<400> 27161

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actctgtcca tcgttggggc agatgccttc atctatggcg gagagctgcg acctcgagag 120
cccgtagact ctgcagttta ccgcataatca gtaggcagtg gtaagagaca catgctctct 180
ggaatcatgg agggtcgaat actgactcga tacagatggg ggcgctgaag cctcctctgc 240
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tgctggtaag atctatatat tctccggctg tgggtgaaca gccatggcgc ctatcgaaga 360
ggatggagca ttttgggtct tcgacctctt tcctggtaac ggcgtatggg cgccgatcca 420
accgcttgat cccagcccc gtacctctt gacgcagctc cagctctta cgagcatgg 479

<210> 27162
 <211> 381
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27162
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 gaggatacaa gtcccatcc ggagtcagtg gaaatggaac cattaacccc ggtaactcgg 120
 ccacctcatc gtacaccatc ggcgctagg tcaaacacag gcgggtatat gggaccgcca 180
 cctattagga cagcagtgca gaacgaacac ttcccgatt ctacgcgca tggatacgat 240
 gatcataatc catacgacta ccacgcccc aacctaggtc gtggccatag tccttacgac 300
 aacagcccat atgaccagcc gtacgcagat cactctccag ttggtaacta ccacgcatg 360
 ccgttccac cgcaggccta a 381

<210> 27163
 <211> 231
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27163
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 agggaagagg agaagtggga gagaagggaa atggaggggg ggggagaaga agagaaggaa 120
 ggagatgagg aggggagggg agggaaagga gggcggaag gaggaggaaa gaggggaaag 180
 aggaggagta gagttggtgg ggaaggggaag aggggggaga ggagaagggtg a 231

<210> 27164
 <211> 276
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27164
 atgcgtctct caacgacagc tatggcgcta gccctcgcag caacagccca ggccaaggtc 60
 gcggccgaat ggctgcaaga gaataacaag gcaggcgacc cgccaccaac tggcaaagtg 120
 gacaagtatc agacggtggt gctcagcggg gctcgcgatg catatgatag aagccagccg 180
 tcgagttgtc cgaccatcat gatcgggaca gccgtaccgg acggggacaa gaatgacggg 240

tggaagaac tgtacatggt gattactcgc aaatag

276

<210> 27165
<211> 222
<212> DNA
<213> Aspergillus nidulans

<400> 27165

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caggatggaa aaggagctgg tgatgctgta cctgtgaccc cttctccttc aaagaagaga 120
aagggtggggg ccgcgaagga taaggagact cacatgagga ctactcctaa gagtacacca 180
aagggcaagg gcaagggcaa ggaaaagggt gcgcagagct aa 222

<210> 27166
<211> 408
<212> DNA
<213> Aspergillus nidulans

<400> 27166

atggtctcac ggggtgcgga caaagcggcc ctgaaactcc gcattgattg ccagccattg 60
atgagtattc tgcagacgga ccaccgggac gcgaacattt cacaggcgga ttttggattt 120
gcgcggccga tcacttatag gcatttgcta gactttgtaa cccccgggtt gattatcatc 180
taccgcgcca gagtgggcag tgggtccgcac ggggacgatg aggggtgcga gttctcaatt 240
gtttatgaac aggaactcgc ccaaactctt attgacgacc ctgagtggaa tgcatacttt 300
gagttccgcg gtattgacgc ggttgatatt tcttcgacac tggaggtgcc ggagtataga 360
taccgcgcc agcatctcta tgttgatggg agtgatggct atatgtag 408

<210> 27167
<211> 372
<212> DNA
<213> Aspergillus nidulans

<400> 27167

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ccccacgttt ctccctcat atctcttatt cctcgtccc cctacctct ctactcctcc 120
tccactttcc cctcacctt cttcttctcc tcctccccc tctcaccttc cctccctatc 180

taccacctct tcttctcccc gcctctctctc ctctcttca aacctcact ctctgttccc 240
 tcccttctct ctccctctcc cactctctct cactctctcc tctctcttt cctctctat 300
 ctctctctta cctctcttcc tccctctct ctctcttaca aagccttccc tccgtactg 360
 tctcgctct ag 372

<210> 27168
 <211> 333
 <212> DNA
 <213> Aspergillus nidulans

<400> 27168

agccagagaa ggaactgctt cagacttttg cgaaacggat ggttgtgcat tggttacgag 60
 aggagacacc gcacaagtta gctgtgtatg cgttttcctt cattcttgggt gtattaaaga 120
 aggtttgtcc atctactata cacctttatc aagaacatat tggactaact tacgcagata 180
 aaccgcgctg acgcaacccg aaacctact tcagacaccg atgccgaccc agaaacgcgt 240
 gctccaaccc tagaggacat cgccgagatt gaagcgtggt cgctcaccct gcttgattgc 300
 aagaaagact cctcttgga ggttcaagtg gcc 333

<210> 27169
 <211> 379
 <212> DNA
 <213> Aspergillus nidulans

<400> 27169

gaattgtgga aagaagcaat tgggttcccg aaggggagaa tgctacattt tctctcaagc 60
 gccttcaaaa ggccggtgcg cccgctgcca gggcatcagg caaggaattg cctgtcattg 120
 agagcgaaa cgaagagtcc gagtccgaaa cggaattcga tgatagcgat gatgaggggg 180
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 aggactcgaa gttgcgagcg aagaaagctc ggaaagacta cgaggcggac gagtgggaag 300
 gattctctga ctcgacaaa gaaggaaacg atgacgaaga aggcgaagca aaaccaacg 360
 ttcaagataa ccaccaatg 379

<210> 27170
 <211> 609
 <212> DNA

<213> Aspergillus nidulans

<400> 27170

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cggaaggaac ctacaaagtc ggcgagatcc agggataagg ataaagacaa agagaaggac 180
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cgagacaagt cttcgtctac ctccaacaac cctacttcca cccagtgcga tccccgcaaa 300
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gttcctactc cgcggcctag tcccccaagt gcacctgcat cgcttcgggc gaatcactct 480
gagcttccac ctcaaccgca gatgacccaa tctcgtcatc tcgatctgac ctctcagttg 540
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ccgatgatg 609

<210> 27171

<211> 593

<212> DNA

<213> Aspergillus nidulans

<400> 27171

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tcatcaatct caccacggcc ggcacacctt tcccggcgtt ccccggaatg ggcgcctacg 180
taagcagcaa gatggccgcc gtcaagatcc tagaggcggt tgccgccgag aaccgcgatg 240
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caagtcacta atctctcgca gtctccctcc ctgccgactt cctgggtctgg actgcctcgg 420
ccgaagccga atttctcagg aacaagatcg tcttcgccgc gtgggacgtg gatgagctca 480
aagcgcgtac aaaggagatt gtcggtggcc cgcccgaac tggggagctc aggatcgggt 540
tccaaggctt ccctcgatgt atggcatgcc agtcttttgc cggcaccaac tag 593

<210> 27172
 <211> 288
 <212> DNA
 <213> Aspergillus nidulans

<400> 27172

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 tcagacggta gcatggtctc caccgagttt aataagggtgc ccaaagatgg ggagagcacc 120
 tggcatcatg ggaaggttcg tgacatgctg gatgtcggtc gccacggtga atttggaccg 180
 gaggtagagg gttgagagca tgaaaaggag agcagcagag tagccatgag tcaaagaaac 240
 ggtgtcagcc gtgaaatcgt agtcagtatt catagcggca gcgtctaa 288

<210> 27173
 <211> 1019
 <212> DNA
 <213> Aspergillus nidulans

<400> 27173

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 atgactggga ctggggccac ggtggagggtg gtcacggtgg tcacggcggt cacggcggtc 180
 atggcgggtca tgacgatgat gacgatgatg atcacgactg ggagcctccc acaaccactc 240
 cctgtgagac agagacggaa actcctccgc cagagaccac tccatgagag acggaaactg 300
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 ctctccgcc agagaccact ccatgcgaga cagagacacc tctccttca actgagactc 420
 ctctccaga gaccactcca tgcgagacag agacgcctcc tcttcaact gagactcctc 480
 ctccagagac cactccatgt gagactgaaa cggagactcc tcttcgacc gaaactcctc 540
 cacctgagac tactccatgc gagacagaga cgctcctcc ttcaactgag actcctcccc 600
 cagagacaac tccatgagag acagagacgc ctctccttc cacagaaaca cccctccag 660
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 ctgagactac cccatgtgag acggaaacgg agacgcctcc cccagagacc gaaactcctc 780
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tcacgattcc tctgatgag acaaccactt cgattccac cggaacatca cctgagcagc 900
ctacttcaac tggcacaacc ccagctgctc cggtctttac tggtgccgct agtgtggacc 960
gttttggtc cctctcgtc ggtgtgatgg ccattgctgc aattgttctt gctttctga 1019

<210> 27174
<211> 213
<212> DNA
<213> Aspergillus nidulans

<400> 27174

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tgcaagatga taattcatta acagggaagt atttaagcgg taaagagttt attccagttc 120
cattgaaag acgtaaaggt gatggacgta aagtagagat tgtcggcgca aaagagacta 180
acttaaagaa tgcgaaaatg tcattccgc ttg 213

<210> 27175
<211> 1515
<212> DNA
<213> Aspergillus nidulans

<400> 27175

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 <211> 832
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27176

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 gaataagata gggagggagg gggaagggga gagtaggagg aggggggagg aggggaagag 180
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 <213> Aspergillus nidulans
 <400> 27177

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 gagggtttct cgggtatacgt ggggagattc agctctctgg cctacgcaac agatcaagtt 240
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 <211> 1623
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27178

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 <211> 297
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27179

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 gtgaggcca gaaggatgct cggtaagact accacaaac ctgcgtactc aaccaagaaa 180

tgctaacagt tatagcgggtg tgcctgtcgt gcagagcacc gccgacgcag gtcagaagcg 240
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<210> 27180
<211> 361
<212> DNA
<213> *Aspergillus nidulans*

<400> 27180

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gagcgtgaaa tccaagcaca gaagctccgg gaaaaggaga agcgacgcat acagttaaag 180
aagaagaagg cagagaagga agcaaaaagcc cgcgaggaac gaattcgccg tggatttcgg 240
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<210> 27181
<211> 401
<212> DNA
<213> *Aspergillus nidulans*

<400> 27181

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<210> 27182
<211> 479
<212> DNA
<213> *Aspergillus nidulans*

<400> 27182

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<210> 27183

<211> 264

<212> DNA

<213> *Aspergillus nidulans*

<400> 27183

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gcgcgacagc ctccaaggag gtgaacaaaag acgtcgccaa ggacaataac gccgacctga 180
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<210> 27184

<211> 474

<212> DNA

<213> *Aspergillus nidulans*

<400> 27184

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 aacagtctta agggaaactcc caagcctccc gataccgatg atgaggctga atag 474

<210> 27185
 <211> 214
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27185

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<210> 27186
 <211> 2645
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27186

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 <211> 297
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27187

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 cccaagtcta gacttgaaaa gaggattgga ctgtctgaac cgcagacaac cttgtcctcc 240
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<210> 27188
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 <213> Aspergillus nidulans
 <400> 27188

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<210> 27191
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 <213> Aspergillus nidulans
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<210> 27192
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<212> DNA
<213> Aspergillus nidulans

<400> 27192

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tcaaggaaaa tgtgcgccact cagcatgata atgctagtga caaagaacgt gctgcatatc 180
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tgactattac gat 253

<210> 27193
<211> 807
<212> DNA
<213> Aspergillus nidulans

<400> 27193

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<212> DNA
<213> *Aspergillus nidulans*

<400> 27194

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<210> 27195
<211> 1108
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 27195

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ttcgttggat cctcggggga cctcgacacc taccttctcg cgcacgtca ctacgacgaa 420
cagaacacct ctctttccag gcatactcat attgtctacc agcgcctaca gaacctggag 480
agttcgctgg ccgagtccat gccccgcgcg cttctgacta tgtgccggaa cccgtctctc 540
cccagagggc atgagatcac agacaccaag ctggtccaag aggcgcgaca agaggtccag 600
cagttgctga acgccgatac ggtgcagcgg ctctgcgccc ttttttcccg ctttgtgcac 660

ccatacctac ccacatcgga ccggaggacg ctgaccaaag aaagtccccg cctcttggac 720
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<210> 27196
<211> 310
<212> DNA
<213> Aspergillus nidulans

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ccgaatcctg 310

<210> 27197
<211> 289
<212> DNA
<213> Aspergillus nidulans

<400> 27197
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gcctcgaaac cggctgcaca agatctcatg atgaagtcac tcgatattgt ctggcgagac 180
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<210> 27198
 <211> 327
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27198

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 ttcgtcccct atgcaaagcc cacccaaaag gtctcagagt ggattgccgt cggcgattcg 180
 tactcagcag gcacaggttg caacggcaac aacaagagga tgggcaggga tgctgttccg 240
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 caacgacgac accctccctt gcttttag 327

<210> 27199
 <211> 613
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27199

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 agaagtgggc ccagtattgt cgacaggctc aaggcctccc ggcgagcct gcggcggttc 240
 ctacgcaac gtctcagcct caaacattgc cacctcccgt acttcagggtg tcccatgacc 300
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 ggggcgcgaa gacatgcac ttctccctct ccgctgcggc tcaggcgact ctcaagagag 480
 cagcatcctc tctcccttct tctctctcc cccaatctc aaccaacgat gcgctagtag 540
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 atcgagacaa ctc 613

<210> 27200
 <211> 238

<212> DNA
 <213> Aspergillus nidulans
 <400> 27200
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 tgggaccgac gctgtagtgg aagtccaggg ggtggcggat tgcgtgagag atgaggccgc 120
 tgaacccgat gaggtcctgg acggatctca cggggtgata gtggtacata ctcgacatcc 180
 caagtggtaa gaattgagtc tagattggag tttgacctgt tcaacctgga tcaggtag 238

<210> 27201
 <211> 692
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27201
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 gaagctgtca gccgtacaat acaaattggca aactcgagtc aagttattgt tatcgacagc 180
 gatattgaca ccccgagtcc agcacggagg gctgacgatg aagatataga tgatgctgat 240
 gacgatcttt ggatgccaag gcaggaaaga ggccaatggg agcaagagga agcaggggat 300
 aatatcgaca atgaggaaga ggattatgat gatgaagatc cctggcttcc gaggcacaac 360
 gctcaccaga gtgcagaaga cgacgatctg aaagaagacg atggccagga aggagatgac 420
 aacgttgacc gaagcccaag aatctcacta caggagaatg aacaacaaca gaagaacgaa 480
 cagcagcagg agacagatga ggagggggag gactacgacg tggaaggcgg aatcaattat 540
 gatatttccc gaagtccccg aatccgcagt caggacgaac atcttcagca agcagggcca 600
 ggggtgaagac ttcaaggagg atgaggagat tgccgatgcc gctgaagatg accggtatga 660
 agatatctgg caggagcaag ctaaagacga ag 692

<210> 27202
 <211> 785
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27202
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ttgatagtcc caaagagaac ctattccagc tttgcatctt tactaacttc taaaagccat 120
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 ccgctggact acggttccgt aagttcctgt ccatcagcat atgagaactc caaacacaac 240
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 ggacggggcac aacgtggatc aggatctcgc tgttgacgtt gatgcatctg aggaggagta 360
 caccattgat aaaatcgagg atattcctat cgcgtatgtc tcctagcacc ttttcctcgt 420
 cctctgcgta ccattcagtc aaaagcaatc cttcgaagag aagaaggatt catgcttata 480
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 ccaaacagc cgagcccact gccaacgcca ccagaacaca atctaactg gccccgacag 720
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<210> 27203
 <211> 408
 <212> DNA
 <213> *Aspergillus nidulans*

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 gcacagacct ccaggccctt ggaactaatc acgacatact actttgaagc tacatttggg 360
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<210> 27204
 <211> 237
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27204

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aaagctgacc gctacacacc ttccattcct gttcgcgact atgtaattat ttggtatcag 180
ccttatgatg gaggatttca gagcggatgg gaccaaagc acagtccaat catgtag 237

<210> 27205

<211> 690

<212> DNA

<213> *Aspergillus nidulans*

<400> 27205

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cattggaaag aacccactg gaaggagcct cagacaagg aacctactc ggtaagccca 120
gggtggtcagc ttcgacctgc ccaagtatgt caactaagta attcttgtct agtccgtggc 180
aaacactacc gtgactcacc aaatcaccaa gaccaccacc tacacaacca ccacatgccc 240
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caccacagcc ccaactggaa agcctgttcc cactggcaag cccactccta taccactgg 480
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gttccagaac agcacttcgc cgctcttat tccgactacg agaccggtc ccgtgcctcc 600
tggtcctcc ccagctccg tccctgttcc tgttccggtt ccagccctg gtcaaccga 660
acagcctgt acccctgcc ccccgagg 690

<210> 27206

<211> 234

<212> DNA

<213> *Aspergillus nidulans*

<400> 27206

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agtctgttct tcattctgat tggattgagg atgcagctta ccgcgggaaa ggatgttgcg 180
 ggggacattg tgcttggtgc ggttgccggcc ggcgcagttt ggggatcggt gtag 234

<210> 27207
 <211> 668
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27207

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 acgacgccgg gcttgacgac gaacgcgacg gacaccggca tgaacatgga cgcagttcaa 240
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 gctcccttgg ggttgagcct acaccgcgtc accctcgcg ccgtaatatg cagcaacaga 360
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 ttatgtag 668

<210> 27208
 <211> 243
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27208

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 aagattcgag agacgcgtac aacaaagcac gagaagcgtc tgaaacggct acaagcccaa 120
 tggcgtgaag acgaggctcg aattaaggag cgcgaggcgg cggagcgaga ggaaagagag 180
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<210> 27209
 <211> 787
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27209

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caggaggtgt cagatgatat ggaaaactac cgtgccctag agcttctcca cacggggatg 660
acctctccc taaaaatat gccaaagcct atccgatgac gcggtacagc ccaacaacca 720
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<210> 27210
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27210

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<210> 27211
 <211> 694
 <212> DNA
 <213> Aspergillus nidulans

<400> 27211

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 caaatgaatg ggcagccac agcgcagaac aacc 694

<210> 27212
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 27213
 <211> 1006
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27213
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<210> 27214
<211> 360
<212> DNA
<213> Aspergillus nidulans

<400> 27214

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<210> 27215
<211> 339
<212> DNA
<213> Aspergillus nidulans

<400> 27215

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agtgccgacg ggaaccaatc aggagatgga atgagctatg gcgagatgat caacaacgcg 180
gcggtcatgg tggccgtcgg gtctgcgccg accttggcag cgctgttccg ctgcccgtat 240

ctactctgca actctgttaa gtcggtcggt gatgcttccc attttgagct atacatcact 300
catactatctt tcctatactc tatcgacttt ttgttttag 339

<210> 27216
<211> 463
<212> DNA
<213> Aspergillus nidulans

<400> 27216

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gatgtttctc gaagcgttgc ggaggcacac gaaactcacg agggatcggt tgccgaacgc 180
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<210> 27217
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<212> DNA
<213> Aspergillus nidulans

<400> 27217

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aatgttgtgt caaaatcagc gggtgccccg gaggaactag tcccagccgc ccctgaagct 180
tccaaacaat tacagaagat ccctata 207

<210> 27218
<211> 264
<212> DNA
<213> Aspergillus nidulans

<400> 27218

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acgccacatg cacctcaacc agtcaactgac catgagccat atactagcgc tgcgatcctc 180
atagcggaac acgagggccc cactgccgaa cagaaaccag ctgctggcga ctctacgtat 240
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<210> 27219
<211> 2556
<212> DNA
<213> *Aspergillus nidulans*

<400> 27219

cctggcgcta tagaatcctc cccatcggag tggctacagc ttgagctccg gaggatatgt 60
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ggcggcgact ctctgctggc catcaagata ttggcccaat gtcgggctca gggattacc 180
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<210> 27220
<211> 393
<212> DNA
<213> Aspergillus nidulans

<400> 27220
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 gctgctatct cgcattgatg ggctgagacg atgggtcttg agtataacga tgagaaagtc 180
 gaccaggacg aacgcgggct gctcaagacg cactttaaca agattatggg gaaagccctt 240
 cagtgtggat acgaatgggt ctggcttgac cttttggcta tcccgaagaa gtcggaccct 300
 tccactagcg atgctcgtct tacagagatc aagactctca ttatcaacag tctggacgca 360
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<210> 27221
 <211> 305
 <212> DNA
 <213> Aspergillus nidulans

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 gaaacgcgca ggcaagacag ggagaccacg caggagatcc ccatccaagc ccaccctaac 120
 ctctgggctg ggggtccagcg agataacggg gacggcttca ccctcgcccg gtacgacaac 180
 cacgatatca gctttgacgc caagcttgaa tccatccggc caatcttcca cgaaggcagg 240
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 atacg 305

<210> 27222
 <211> 321
 <212> DNA
 <213> Aspergillus nidulans

<400> 27222
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 cgcactaaca aagacgccgg tcgagacctt ttggctctga gccttgatcc agctttccag 180
 ggaaagcgcg gatattatgt tggccagaaa gaagaagctg cggcatcggg gaccggagac 240
 gctgcggtgc aaaggcgccct ctgggaggcg tgctggcagt gggccgggct tgctcctgag 300

gaaactgtgc tctgtcgcta g

321

<210> 27223
<211> 935
<212> DNA
<213> Aspergillus nidulans

<400> 27223

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caccgaagaa caaccttcta ctgagggcgc tgctgagcag ctgaccagg aagccgcagt 120
cgagaaatcg gcctccgaaa ctctttttcc agaggccgct gccgccgagg agccagctaa 180
ggaagcagt actgaggagc ccaaggcaga agaaaccgct gcaccaaccg actccactga 240
ggcccagaaa gaagccgcag aggagccagt taaggaagca gtgactgagg agcccaaggc 300
tgaagaaacc gctgcaccca ctgagcccat tgaggctcag aaagaagctg cggaggagcc 360
ggttacggaa gcattactg aggagcccaa ggacagaaga gccgcagagg agccagttaa 420
ggaagcagt actgaggagc ccaaggctga agaaaccgct gcaccactg agccgattga 480
ggctcagaaa gaagctgcgg aggagccggt tacggaagca tctactgagg agcccaaggc 540
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aaccgctgca cccgctgagc ccattgaggc tcagaaagag gctgcagagg agagcaaggt 660
ggaagagcct gctgtcgccc ctgaggctga tgagcccgt agagaagctg caggggatct 720
caaagggtgaa gaggtggcaa ccgctactga cgctgttaaa tctgtggaga ccacaaccgt 780
cgagcctgct gtcgaagcgg aagccgcaac ggagaaggcc aaggtagagg aatcgaccac 840
tgtcgacgaa gttgctgaaa ccgaagtcgc tgaaacagca aaggaagtcg cttccgaaga 900
gccaagact gaggaacctg tcgccgttgc tgaac 935

<210> 27224
<211> 279
<212> DNA
<213> Aspergillus nidulans

<400> 27224

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gtcgcaaattg accttctccc catcgccaag ccaacttgct ccagaatcac ttactccact 120

gccatggcgc caggcatatc aggctataca atcttgaagc ctgcaatcat gaaactgac 180
gagttcatcg agttcatcgc ggccttacac ccctccagct tttgcagccg ctctgcaatt 240
caggggttacc tgcgaccgcc ttcttgccag aacggctag 279

<210> 27225
<211> 274
<212> DNA
<213> Aspergillus nidulans

<400> 27225
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taactctggc ctgttgtcac gttccggtat cgatctttcc gccgaccag cttcgccaac 120
cacgtactct gtctctaaag ctagccacct caaatcacgg tacaagccat cgatttgctt 180
cgtacatcga aggtccgatc cactgcgtta accgtctctt tgcattgtaga ttgcaaatga 240
tcgcacgggc tccgacacct atcctttggg atag 274

<210> 27226
<211> 351
<212> DNA
<213> Aspergillus nidulans

<400> 27226
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gacattttta gcaatacccc cgcaggtgtc ttccctaatt cgacgcctga atgggttggt 120
tcatccacaa caaggtcaat gctatgctgg gaaagccagc atttgactgc aacaagatcg 180
ggtgactttt acgattgagg atgtggagat gaggaagaaa aaagcgaggg cagtggctcc 240
aatagcggac acaagaccgc tcctcgcgaa agtagcttcg gtgacgacac tatctcacct 300
gtggagatat cccgggaacc gtcagtgcgc ccccttgact cgctatatta a 351

<210> 27227
<211> 259
<212> DNA
<213> Aspergillus nidulans

<400> 27227
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gcgtcgcgat acgctaccga cgagtcgcga tggccattgc tgaacgaaaa cgagggatac 120
aatggaattc gtgaacaccg cgctggcctt gaagatgctg aagaggagag tgttgaagat 180
gaggatgctg acggggaaga cgaggccgcg cccatcgagt ccacgcctct acttcccata 240
ttctccgcac ctcacctag 259

<210> 27228
<211> 417
<212> DNA
<213> *Aspergillus nidulans*

<400> 27228

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ctgcccattg cgagttccgg aaaggtctat cgaaaagcgt tggcttgcca tctgcaagag 120
aagcctgatg ttccaatcaa gaatggcctc agtgaagaaa gtgcagtatg ttggaggcat 180
tcagatgagg ccgcatcgtc agtacagcag ctggtgattc gactcgttgc ggatacaggg 240
gacgtgagtg attccgcatt aaagcccggg ccagagctgt actctggtgg catcgccagt 300
ctaggagcaa tgcgtttcta caaagctgat aaccattggg gtccttggct tgccggcggg 360
gaaagcttta aacacattta tgtgcgaggg gttgtttttt tgccaaagct ttggtga 417

<210> 27229
<211> 416
<212> DNA
<213> *Aspergillus nidulans*

<400> 27229

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ctaccaaga cgctcactct cccacctcg gtcttgtcac cccatctcct ggagataata 180
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aagacgaagc ttcggggagc atggctccag agaacataac aagcagcagt ctagagtcct 300
acaaacctcc ttcgttgagc tctctcctat catctatgtc catcgaatgc tgccgtcaat 360
acatacatta cctgctcagc gagagccccg tcaccgtcac acaacgcgat atttct 416

<210> 27230
 <211> 240
 <212> DNA
 <213> Aspergillus nidulans

<400> 27230

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 agcgggtggca gtgagacaac tacaacgccg gctacaacag actatgtgac cgtctacccg 180
 accccggcct ctgaggcttc atctgagacg gcgtctgtgc cagagctgcg ggtgtcttag 240

<210> 27231
 <211> 330
 <212> DNA
 <213> Aspergillus nidulans

<400> 27231

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 atattagcta ttggcgcggg caaatggcgg atacaagtat aggagtcacg ctgaccgaag 180
 cagaattggt cgacggtctc tagattgacg acgtacctca ccatctgctt ctataccttc 240
 ctcgccaatg tcaatagcag taacttcaca gtggctacaa aggccattgt tcaggaattc 300
 ggcgctctcc agaccaagc cggcgagttg 330

<210> 27232
 <211> 330
 <212> DNA
 <213> Aspergillus nidulans

<400> 27232

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 gttgttatat ccgacttcaa gcagtctcca ttaaaaaagc gccgtgggtca ggcaaactcc 180
 gataatctgt cttctgggga ggcttcgacg tctggagctg tggagagtgg tctgggggat 240
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 gaacaactgc tgtacgacac gctgttctga 330

<210> 27233
 <211> 495
 <212> DNA
 <213> Aspergillus nidulans

<400> 27233

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 tccggcaact acaacagctt tgccatcatt cgtgagaacg gcgaggccat ctacaacgat 180
 gggtagccca aggacaggct cccgtgcttc aacacgggcg acggccgcac attccaaatc 240
 gagggcgact gctgggcctc tggctggcag ttccactgct tgagtgactt tggcggctcg 300
 ccgaccaact gtgacgtacg cgatgagaac ggcaatgtgc tgggcactgg tggtggacag 360
 aaggagacta ctttcattgg gatctcgatt ggaacggatg catcctgtgt cgtggagttt 420
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 aaggacgacc tctag 495

<210> 27234
 <211> 276
 <212> DNA
 <213> Aspergillus nidulans

<400> 27234

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 cctcgctcga ggctttctgt aggcaatcgg tttagtgaac atgacgatgg tcttctaagt 180
 gatgttgctg aggaaatcgt ggaaaggac cgccagagga tgagacggga agttgttcgt 240
 gttgggagct tcgtttgggg agtgattaca tgggtga 276

<210> 27235
 <211> 308
 <212> DNA
 <213> Aspergillus nidulans

<400> 27235

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 ttccccggccc tgcggaaacg caattcatca cgcgatcgca cgcccaggaa acggtcatga 180
 tggctgcgtc gggggcggtt gaggatccca agtccgtcgc gcaagtcggg tataaggcgt 240
 tgtgcaaggg caagcgagag gcgttcagta gttggaacgc catgttcacg agtccagtct 300
 tcaacgtc 308

<210> 27236
 <211> 369
 <212> DNA
 <213> Aspergillus nidulans

<400> 27236
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 acgaggttcg gcatccgggg atgcatcggt tacgggtacc cgtctactgg cggcgttctc 120
 atcaaggggc ccattgacct tgtcgatatt accttctctc cgctcccacg tttccatgta 180
 gcgcagcgct ccccaagtgc cgaagaggaa gacagattct gcaatctcct gcgacggcct 240
 ggtgcgacat ggtggccaag taaagaggag tatatcatgg taaatatggg ctccaggag 300
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 ggggtgttaa 369

<210> 27237
 <211> 856
 <212> DNA
 <213> Aspergillus nidulans

<400> 27237
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 ttttatgcct acatccaacc tgctccaaaa gacggaggcg gcatttggag tgccgccgaa 120
 gaattggtca ggttcaacag tacgagtcct gcatccggtt gcgttcacgg cggcacagaa 180
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cgacccgccc ttectggatc cctggcgctg tcccggatgc tgccatgaac ctctgtctcc 480
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acatcgtagc ctgggaaacg cagcagacca tttcgagcgc ccagatgaac ggctatctgt 600
ccgaatgggc tgtgtgacgc gcgacgccca gaaccagagt ttcaacgcta ccgatgactg 660
tgcggttacc tggagcaagt tctggcctaa actagctgcc aggttttagtc ttccatggct 720
gggtcctgcg accgaccag ctggcctgca agaggtcgag acgccgtata accctgccgc 780
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<210> 27238
<211> 540
<212> DNA
<213> *Aspergillus nidulans*
<400> 27238

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gaagagtcag cccaggcaaa gccggaggaa accaacgcgg aaatctccgc catattcgcc 180
gcagtgttga gggatgtgag gaatctacaa ggtccgcccc aacacagagc cagtgacaag 240
gccacgggag cgggtgaggga ggaaacggaa aggcgcaaag aaaggctcgg aagtgaagcc 300
gaacagagtc ttgatacatt tgcagcgtca agggaacaag cccgacttgg ggagctacct 360
agggatgccg tgcagacca ggagagcgag cgccacttac cggataccaa tgatgcgctg 420
gcggagctcc ttcgaacaaa cgagttgacc ctagccaggg ccattgaact agtcgctgag 480
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<210> 27239
<211> 216
<212> DNA
<213> *Aspergillus nidulans*
<400> 27239

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ctcccaatcc gtcacgcac tgacgacca tcccgcccg ccattagcga gctgcgccgc 120

cagcgtctgc gcgagttggc caagaagatg actggcgag agagtgagtg gcgatgaagaa 180
tatgtgcctg atgcgggacg agatggcgcc agttga 216

<210> 27240
<211> 645
<212> DNA
<213> Aspergillus nidulans

<400> 27240
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aaatccatgg atgcaatggc cgcgctacga gaaggacaat tcaaagagcc acacgtcaag 180
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tacgcagaag atcaagttgt ggagaagagt gttgaggagg tcgttgaggc acgcttagca 300
gccgatattc ccgagcgccg ggatgaggtc gcaagagcca ttttcacgga aattgagtta 360
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cgaaagaggg tcgaactgga agccatcctt gttcatccgg attatcagaa aaaaggaata 480
gccaagagat tgctggcgctg gggattgaa gaggctcagc gactgggcct caatctttgg 540
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<210> 27241
<211> 219
<212> DNA
<213> Aspergillus nidulans

<400> 27241
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gccccactg acgagctcct tactgtcgtt ggctcagacg gcaaggctct tctcatcaag 120
ctcgccccct ccgttgccca cctcctgggc ggtctcggcc tctccagcgt cggttcttcc 180
gttggcagca ttattgctac cctcggcaac aacctctaa 219

<210> 27242
<211> 222

<212> DNA
<213> Aspergillus nidulans

<400> 27242

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caggggtgtag ccagagttgg atcgacgcaa gcacggacac tggcaatgaa tctggccccg 180
atggcgggatg gagctctggc tggctgggtc cacgggacct ga 222

<210> 27243
<211> 213
<212> DNA
<213> Aspergillus nidulans

<400> 27243

atgactgcaa cagcaacggt gacggccgcc aatgtcgaca ccaatcagga gaaccaggtc 60
aatgcctgcg gtactggagg cgatgcgacg ggagctgatg gcgagttact gctcgtccct 120
tgcacgccgc ctgggtttgc cacgatacaca gtgacggtga cgacgaccgt tacagaaaga 180
gagcctgctc agactattac ggtcacagca tag 213

<210> 27244
<211> 216
<212> DNA
<213> Aspergillus nidulans

<400> 27244

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aatccgcttg aggcccaggc ggctcagcag cagcaggtcg acctgctctg caccggttgt 180
ccacttgcca ttcaaagtgg cgacgagact tctctg 216

<210> 27245
<211> 801
<212> DNA
<213> Aspergillus nidulans

<400> 27245

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 gaggtactgc cggatgtcgg ccagccagag cctccacggc cagtcgagcc tcaaccagag 180
 ccagagccag agccagagcc agagccagag ccagagccag agccagagcc agagccagag 240
 ccagagccag agccagagcc agagcctgaa ccggaagctg aacctgagcc ggaaccctct 300
 aaagaaccag gcactccacc gcaaccagaa acgtaggctg gcattcccac tcttctttcc 360
 tatgattaac agtgctatct gcagccccgg tttatccctc gaacaaacat acaagctcgg 420
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 tattcaaac cagaccaagg cagccgggga gagttgggag aacaaagaaa tgattccggt 660
 ccctgcctgg ctgttggtct tactgagtgg cctgcagatc cgggtggatg tgaggaactc 720
 gatgctggaa atttatatca acggcttcca tctgtattcg cttgccagac agtttgga 780
 caaggggggc acgcatgtca g 801

<210> 27246
 <211> 699
 <212> DNA
 <213> Aspergillus nidulans

<400> 27246
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 ttccaggaca cgtttgtccg ccacatggta cagcaaggcg agcccgcat ctccatcaat 120
 atcggcccca tccgacgacgt cggatatgtc tcggagaacc cggaagtcgc agaggccctc 180
 cgccgcaacg ggctcgggtc aatcgggtgtg tctgacgtcc tcatcgcttct gaaccacgcc 240
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 ctctatcag cggcaacaca actcgacgaa gctgtccata tcgtcacaaa cgcgattctc 480
 aaccagctaa gcaagcttat agtcacgcct gtggagatgc tttcacctgc gcagagtctt 540
 gacagttacg gcgtcgactc gcttggtgct gttgaattgc gaaactggat cggggcgctac 600

ttgcatgcga atgtccagct tatggttatt cgcgggacag ggagcatctc gcaactggcg 660
gcaattgtgg cgaaggagtc gagggttgtc aagctctaa 699

<210> 27247
<211> 264
<212> DNA
<213> Aspergillus nidulans

<400> 27247

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gtaacgcctt ctctgaacct gttgcagacc tataccatgc ttgatgactc tcgccctatc 180
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cggagagagc gtacctttga ctga 264

<210> 27248
<211> 420
<212> DNA
<213> Aspergillus nidulans

<400> 27248

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ctacgaagga caacatattc acccgaatcg caagtgcagc tagaagttcc aacaaatccg 120
agtccgataa gcaagaagct cgcagaggcg ctaccacata ttgtactttt gcatcgtaat 180
aaggctttct tcaagtctat caactcatac tgggccaac aggagcgtga gggtatgcaa 240
gcatgcatcg ttcaaccacg agaggctagt gaggtagcca aggtcatcgg aattctcaaa 300
cgggagtatg atgaacaaga ggcgtcgctg actagtagat ctggtgatgt cttgttcgct 360
gtccgagggg gcggtcagtc tcctgttcct ggaggtgcaa gcgccaagg aggcgattga 420

<210> 27249
<211> 630
<212> DNA
<213> Aspergillus nidulans

<400> 27249

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cggagacagc cagacaacgg ggcgcacaca gaaaaaggag cccacaccaa agggacaccc 120
 gaaaaccggg gccacgacca gaaccaggga caccacaggc cggagcaaca agcaggaagg 180
 acagaggcca agaggggagc gcagcaccta agcaccacag gagcccgccg aaggagcaca 240
 accaaagagg ccccgaccaa aaaggaacaa aggccagacg acccgccaca accaggggag 300
 gaaccaaaca aaggaaaaag gaccgaggc caacaacccg agacagcagc caagccaacg 360
 gcccaaaaac agaaggcacc gaccccaaag agaccaaacg acccccgga gaacaccacc 420
 cgcgggagcg ggccaacaac gggaccgcaa cagaaaggcg ggaggacacc cacgaccggg 480
 gaaccaggaa aaaacaaagc cgcacggcca caggagcggg aggcaaccag cggggggggc 540
 caaccaccgg gccccaaaa aggaaacccg ccaaaccgac acgacaaaaa aaaaagaaaa 600
 gcccagcgg cgggccaagc caaacctga 630

<210> 27250
 <211> 271
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27250
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 ttcatgtctg ccctttgagg ggctgagcgg ttgccactc gatgtttttt tctctcgctg 120
 gtgttcgcca gctctgtgag tggctctgtg ttctgggtct cgcggggcgc tccggggtgc 180
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 ggggtgtggg gtcaccgttt tgatgtgttg g 271

<210> 27251
 <211> 423
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27251
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 tattgtggaa actatatggt acaaacgggt gtggaaaact ttgagttcct tagccgtgca 120
 accgatcctg aagttgaaac agcatatgtc aagatcaaac agcagctgtc cagcgttggt 180
 ttggagcctg acccgtcggt gtccaagagg gaagttgtcg agaccatgtt caaaacaacc 240

tccgaacatg ccatgccatt tccagtgcga atgctggatg atgtggctac tgcgatagtg 300
gagtatgccc agactctaag caccctggaa agtctcgcg cggagccct tgaaacattc 360
gtggagctgc tgcgtttcgc ggtccaggaa caagggcaat ctggcataac agcgtccact 420
taa 423

<210> 27252
<211> 447
<212> DNA
<213> Aspergillus nidulans

<400> 27252

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gtgtcgacag agctcatgca atacgtcttt cagcaggacc gaagcctcga agtataccga 120
agaaatcaat atcaccagcg cacaccaagc tatccagaga gtataccaag tcttctctca 180
tcaaccggcc ccggaacctc agctacaagc cctcttacct tggggccccc tgactacgac 240
ggttatcttg ctctgcctat atctctatcg cttctcgatg tgcctgacat ggattacttc 300
cctggagctg atatgagcgc gaatgtcatg gatgggtttc ctgatcctcc gtcattcttc 360
ccatctggag aaccgatacc aacgctcaa gagaatatct tgaagaccag tttcgcggat 420
tctcccgttc cggcaaattc gctttag 447

<210> 27253
<211> 317
<212> DNA
<213> Aspergillus nidulans

<400> 27253

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ctcactgaca aataacgtat attagcgctg gcgggggccc taaatccgag ctccgcatgg 180
ctaatacga tgataagaac cagaagcttg cggaggagag gaagctcccg gctaagggtg 240
ccaatacga accggtctat attgccacag ctgacgcgaa acctaataatg gacttcaccg 300
attatccatc cgattag 317

<210> 27254
 <211> 371
 <212> DNA
 <213> Aspergillus nidulans

<400> 27254

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tccattcaa accggagtgg tttgcgcccgc gcacctcaac ccaggagaca atactgcttc 180
tcgcacgcga gattcgcacc cagttaggac cccatctgac ttgcgcccat tataatctcaa 240
cgctctcctt cacggcagac agggtgattg ccaatcttgc cggagagggc gagcccgtcc 300
catcgcccca ggcgcggggt ttctcgccgc agggcgcgct ccctcttcag agggattttg 360
cgtcgtccag g 371
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<210> 27255
 <211> 246
 <212> DNA
 <213> Aspergillus nidulans

<400> 27255

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gccagcgggc ctacaatcgc ggccgagttt cagaccttaa aggtagatat ccggagcttg 120
cggatggacg tgcagggggt gaggcgggaa atggtcgagg tgcgacaaga gttgaacacc 180
aagctggact tgattctgca ggcgctgcaa caggtaagg cgagactga ggcaaaggaa 240
acatga 246
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<210> 27256
 <211> 502
 <212> DNA
 <213> Aspergillus nidulans

<400> 27256

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aacgttgaag agttgctgaa gagcaacact ccgctgaacg tactggcact gaaccagccg 120
gagaatatcg aaaatcgcgt caatatttgt tacttcgcgc tttcaccgga agacgaagcg 180
cgcgatgcag gtactatatt cgtgaccagg gtaaacaagc gccgctggtg ctgatccac 240
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gcagttcatt gggcgatcgc gtaccacatg cgtttgcgca agagtggcag aaactgggcg 300
 gcggcaccgt tctgcaacaa aaatttggtt ccaccagcga attacgcgcg ggtgttaacg 360
 gcggttctgg tattgcttta acgggtagcc cgattactct cagagcgaca accgactccg 420
 gcatgacgac caacaatcca acgctgcaaa ccacgccaac cgatgaccag ttcaccaata 480
 atggcggtcg tgtcgatgcg gt 502

<210> 27257
 <211> 312
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27257
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 aggaatggcg aaaaaggtgc cttgaaggt cgagatggag agattctagc gtcagcccgc 120
 gactcaatat ggcggaaagt tgaaggcaat ccgaactact tgctgaatcg acatgaattc 180
 gcattgttca actattaccg acaatactac gagaagaccc cgaaaaacaa agaaatcgcc 240
 cggaagcggt ttgcgcggtt ttgggacaac tattcagaag gaccttcagg atctggaacg 300
 gccaaatcat aa 312

<210> 27258
 <211> 518
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27258
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 gctaaggcaa atagttccgt cgtcaagggc aagggcgcag aaatcgagca cgtcgaagcc 120
 cttgcaagcg gtggcagcct cgtgaaaggg aaactcggca aacgacagcg tctgaaaagg 180
 cattttgcac gattctggtg ctgttacctt ctgcgcggca ctatcttcct cgccattttt 240
 ctgccggtct tgtatgttcc agttcaaccg tattcgcatg gcagttaatt gttgagacta 300
 acaggcacga atagcttcct cgtcgccatt cctgccatag cccagcgcct tgtcgaagat 360
 acctcgcttc ctgtctacgg cgcgcacatc acgaaccca agccggacgc gttgacattc 420
 accctcgact caggacttag cgtaccactc ggcctaagcg tgcggcttga tcccttcaag 480

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518

<210> 27259
<211> 539
<212> DNA
<213> Aspergillus nidulans

<400> 27259

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gtcgccgaaa tccagcgga actcaacagc atcctctcac cgagatctat tattttcggt 180
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cggcacccaa attgacctct cccctttctc agagatcaca attgactcct ccggcacctc 480
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<210> 27260
<211> 215
<212> DNA
<213> Aspergillus nidulans

<400> 27260

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cctgcgcccc gcagtatcga gccaggttc gaggccggag tcgcggttga cgcacagctg 120
gatatcctcg tcaactccga agccaatatt ggtatcaaga ttggcggcgg caaactggtc 180
ggcgcgcta ccctcatgga tgcccagttg accgg 215

<210> 27261
<211> 461
<212> DNA
<213> Aspergillus nidulans

<400> 27261

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atcactccac ccgacgggtg tttccttcca acctggaaa g tcatcagctt caactggtac 120
aacggctccc acagcctcga ctgcatccac aatgaagccg acatcaacac gaaaggctgc 180
ctctgtggcc gcggctggtg ctccccagag ggcggaggaa ccgctgtac cgcgcaagtg 240
gcaactgggt caacgtgtgc tacacgggca tgccaaacta tcagctgtgg gggtagggcc 300
ccccgcagac cctgacctt gagttcgcag acggtctatc ctgcgccgac cagtacatcg 360
ggtttcgggt gcatgacatt ggtaatggcc cgagtaactg tggctacgcg gaccgtggcc 420
agggacgcat cgtctcgttc tacgggactt caaatgaggg t 461

<210> 27262
<211> 615
<212> DNA
<213> *Aspergillus nidulans*

<400> 27262
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tcgcataatg tttttactga taacctatt gtcactggcc cgcgcacgag caggtcaaag 120
aagaggctcg tggagataaa caccagcgac gaagaagaag agcaagattt agatgaccag 180
gaagaagacg aagttgatga tgaagatgcg cctggagaag atgatgaaga tgaggatgca 240
gacgcagatg gcgatgtgga tatggacgac gctccacctc aaccgccagc atcaagaaga 300
cacgccaagg ctgctgtaac atctgcgcct agagggaagc cggtaaagag tgttgaggaa 360
aaagagatgg agcttgatga agaggacgat gaagaggatg aagaggagct atcagaacct 420
gattcgaatg cggatggtga agccgatgac caggaagaag gaggtagcgt caacatggat 480
gaaaccggtg agcaggatga ggacgaagaa gacgaggagc tcgacagtga cggtgaaatg 540
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ctcccaatgg gttag 615

<210> 27263
<211> 202
<212> DNA
<213> *Aspergillus nidulans*

<400> 27263
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actgtaagtt aaaccgggaa gccggaggat ctccgagccc gacatatctt ggtcgttggc 120
atgtaacgca tcccagctcc cggccggtgc tccttgact aaggatggaa agatgggcgt 180
ctgcgagtct ggtgtttgca tc 202

<210> 27264
<211> 984
<212> DNA
<213> *Aspergillus nidulans*

<400> 27264
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cgccgctagc tcagcagaaa tgcttgcccc aagacgtgga cttggaggaa aagagcgatt 180
cgagaaacaa gtcgtcgcat caaactatcg acttcgagag ccctatcggc attagggagt 240
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aagaggaaga gcgtaaagct caagaagagg cggaacaaaa agccgcagaa gaggccgcat 600
cagcccaaga tgcagcactc agctgggcgg acgacgctga tgcaacaac gacgactcat 660
gggctggagt tgggtgaaag aagaagaaaa agaagggcaa ggtaggtatt ttgtgtatct 720
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<210> 27265
<211> 229
<212> DNA
<213> *Aspergillus nidulans*

<400> 27265

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agcggtatag cgttgcgctc gttccgacct gcatccgggt tctcgtcatt ccctgggtgc 180
gatgggacct ggccgttcta caccggcttg gggggatttg ttatcgatt 229

<210> 27266

<211> 273

<212> DNA

<213> *Aspergillus nidulans*

<400> 27266

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gcctactggc tgccctcttc acttacttca ttcacctact ctctgcatct tcttctgacc 120
gcttttgcca cgccgcatca tctttacttc aaggcggaaa tacctgctac tcacaaaat 180
tttgctgccc cccaccatc gtaccctcta gaaaactgtc ccacccatgc catcttcccc 240
cccacggctc ccgcctctgg cgcttttccc tag 273

<210> 27267

<211> 479

<212> DNA

<213> *Aspergillus nidulans*

<400> 27267

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ccgcgtctcc cgttgtggaa gaagccaaag cgctgcagc tcccgaagca gaagctgttg 180
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aaccgtcaat ggagcctaca aaggagcctg aaccgagcga ggctgctccc gtagaacagg 420
ccacagaaga aactccaact gacgaggtta aggagccgga gcattgcagt cgctcctaa 479

<210> 27268
 <211> 369
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27268

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 gaccgtgaca tttcatcctc atcctcatat tcatctgaaa tacagataga tgagctagag 180
 aacgaacgcg cccgcctccg ccgccacatc ggctctgatt ctgcacaccc accgcagtct 240
 caacctctct ttttcatcga gcgagtcccg gacacggaca cagcaccgat tccatgtagc 300
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 atgagtggg 369

<210> 27269
 <211> 317
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27269

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 cttccaggcc cagcatt 317

<210> 27270
 <211> 315
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27270

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acgttgGCCa aagtcCagcc gattgtcgac gtcgaggtcg gcatactaga gaggggagag 240
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 tttctgtgcg gctag 315

<210> 27271
 <211> 341
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27271
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 cgtctgtggc ctacgagatc ttttaaggctc atgacttgaa catctcatct cgttacaacc 180
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<210> 27272
 <211> 465
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27272
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 atggagggtc gtggattgcc acaacgtcac cggaaggatt tggttgagat tagaaaagtt 180
 cagacgtata ttgcaggagc ggagattaag ctgaaatatg gcgatcgcg cgtgacgtt 240
 cgagacgtta atgcttgcac cgagaaagcc cgcgcccggt acgagagaat gcagaacgtc 300
 atagacatga atcaccctga ctcttatcag gatgggcccc agttaagag atgcaaccga 360
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 agggccaccg gagctgacga ggaaggtggc cttggaggca gatga 465

<210> 27273
 <211> 273

<212> DNA
<213> Aspergillus nidulans

<400> 27273

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caggagatcg aacagcagaa gccctatcga cctgcccgat ggcagagtaa cctgacgatt  120
ttgagttgtg taagtgttcc cttaaagcgc cataggagta tcaatcaacg cacagtcatt  180
ctcattagcc cctacagtac atcgccaact tcagcgacgg cttccagaac ggccttgcaa  240
atcccacaaa tgtcatcttc aagcacctgc tag                                     273
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<210> 27274
<211> 306
<212> DNA
<213> Aspergillus nidulans

<400> 27274

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ggcgactctc atccgatcag tatgggcggc gtatttctcc tcaaggcggg aaaggccaga  180
ttccatgtca tgccggactt tcctgtcca gagacctgcc gttcaaagat cggaggtcct  240
agagcaggag tggctaaagt atcataccag cgaagcgccg gtggtttgct tgaccgtctt  300
ccatag                                           306
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<210> 27275
<211> 510
<212> DNA
<213> Aspergillus nidulans

<400> 27275

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cccacacagc cagcctacac cagatccgcg aatccgctac tacaatgatg cccaggccca  120
atccccgcca caacgtcaag cgcaataaag caaccggtgt ctgcattgat gcgaacgatg  180
cggagattag ttgctctaac ggagctgaga gtctgcagct gctgtttcaa gacatcgctt  240
ccgacgggct acctcacctc actgccgcta cgtctgagag tcctagctct aacgggtcga  300
agcttcacga gatggtgccg ggatccatct acaagaacac agccagtggg cagacacgct  360
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tccagccatt gcagccgccc gtcggcatgg gacccgtcgt gtcgaagaag aagaaccttg 420
ccatggctgg agttgacctg gatcgacgcg taccgcgcac cctaggcggc gtcactctga 480
gtggcgatga gatagacgag atatttatat 510

<210> 27276
<211> 222
<212> DNA
<213> Aspergillus nidulans

<400> 27276
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acagcctcga cttccaccgt catgaaagag aaggaggagg ccaagcacia gtggcagaac 120
aagaacaaga gcaacgccag caacgccagc aacgccgact ccaagaacia ggacgcagcc 180
ctccattacg aggccatggc tcattaccta gctttccgat aa 222

<210> 27277
<211> 534
<212> DNA
<213> Aspergillus nidulans

<400> 27277
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actcgcggga ccgtttctcg tcgcaacggc cgagccgggtc atactcacca gttcctgcag 120
ctcctgctcc tgctcagaac cagcgtact cgcagcagca acacgactcc tacagtcaac 180
gatcattcgc tccacaacct catcctcaag cgccacaaat ccatcacgta ccgccgcaga 240
acgcatttcc tctccacca ccgccaaact atcaaggcgc gtggccgccg cctcctccac 300
cccaaatgcc caactttccg ccaccatttc cgcagatgcc acacatgcag atgccaccag 360
gtcagattcc gcccccgcca gggccgccgg ggtcatatgg ttttcctcct ggcggaagag 420
gctggcatca acaacctcct ccgccgccgc cgtccggacg gggctggcgg tagctatggg 480
tctactgtag tgtacgatag tcatgatatt gataagcttt caactggaca gtaa 534

<210> 27278
<211> 525
<212> DNA
<213> Aspergillus nidulans

<400> 27278

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gctccagctc ctccagctga agttccctct accgagcctg agcagcaaca accagcagca 120

gacacacctc aacctgaggt tccctctact gggcctgagc agcaacaact agcagcagac 180

acacctcaac ctgaagaggc gcctgagctg ccaactgctt ctacgacagg agaggagcct 240

aacccctcg ctaaatacaga ggttacgacc caggttgtcc cagagatagt accagatctc 300

aaaccggtac ttgagtctgc gccggaaaga gaaccagagc cagagcaaac gcagaacatc 360

gagcaatccc agacgccgtc tgacccggac attccttctc aaacaccgct cgaagacaat 420

gatttcaactg aaataaccaa acacgacact tcgtcaaatac aacctcccgg tatgatcgat 480

accagattg agcacaacca ggaacctagc cagcagatc taggc 525

<210> 27279

<211> 307

<212> DNA

<213> *Aspergillus nidulans*

<400> 27279

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cgctgcggta cccgcaaccc ctccagagcg gtgcacgctc agcacaggta ctctctcgat 120

atggaagacc gggaggctgc ggcccgcgcc agtgcggcg taactacgcg cgaggccttc 180

gatgtgacaa ttgacacctt cgtgcatgtt atcatcacca actccactgc cgggatcaat 240

atgaccacct tgccgtccca gatcgacgag caaatcgacg tgctgaatga gaactacctg 300

ggcactg 307

<210> 27280

<211> 321

<212> DNA

<213> *Aspergillus nidulans*

<400> 27280

atgccgggat tcaccccgac aaggaggagc gtcagatttg gcggaatggg gtcgcggaga 60

agagatgtcg aggcgggaag agaggacggc gaagacgtgt ttttgcgtgg agttgagctg 120

ccgcgggagc gggagcggga atgtcttggg attctggctg acggtgttgg tgattgtgat 180

tcaggcgcag atctagaaga tgtcgatgga actgtgagag agggcgaagc agaagaggat 240
gctgggtgtcg atgagcggga ctgggagcgg gtgatgcggc gggtagccgt gattccagtc 300
gtcatcgtcg atacattctg a 321

<210> 27281
<211> 373
<212> DNA
<213> Aspergillus nidulans

<400> 27281
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tgtcttcacg cccaagggga tggccaagta tcttgagcgc caacagtcag ctctgatca 120
tctcaaagac tttttctgct tagacgagtc ttaccgatcc atcactgact actgcggcgg 180
atctggggtg ggaccaagcg cccccagtca ctcatacaac gtctttgtcg ctgatgcggc 240
agatccagag gacgaaaagc gctgcacggc gttcaacggc gtgcaaaaca tgcaggagct 300
tctcgagaag gaccggccac aaattacagt ccaggtaacc cggttttagtg atgctaccct 360
gatcaccttc tct 373

<210> 27282
<211> 330
<212> DNA
<213> Aspergillus nidulans

<400> 27282
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gtcgcgccga aacttccaac tggctcttggc cttgagaagc ggcagactgt gagtatatac 120
tttattccag catctgttta ccttattttc tccgtccggt aggcctatag tcgagaagga 180
gtagagtata gattttctct acataacaaa catcttacgc tccctgtaca gcccactaa 240
acaactatca tactatagca gtgctccatg cttccctgcg acgaaaacac agcgatcctc 300
tgcagtctcc taaattgcgg gacttgtgag 330

<210> 27283
<211> 245
<212> DNA
<213> Aspergillus nidulans

<400> 27283

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tttggtacgt gccccgactg tggttggttag ctaagctacc agcgacgggtg ggcccagata 120
cctggaacaa gtggaacttt ggagctgaca tggtcgccat ctttttagccg aactttattg 180
agaacacaaa agaccccat atcatcaagc gtgcggttat cacaatcgcc cggagccctg 240
aggaa 245

<210> 27284

<211> 225

<212> DNA

<213> *Aspergillus nidulans*

<400> 27284

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ttgcgacctt ctaatggcgc cggcgaaagc gtatcggagg gagaggctgt gctgcggcgc 120
ctgcaacaag cagaacagtt tgcgcagtat gcgcgcgcac agaggatgta tgcgatgctt 180
gttgaccggt ataaccgga ctctctgatg gacgaggagg agagg 225

<210> 27285

<211> 903

<212> DNA

<213> *Aspergillus nidulans*

<400> 27285

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ggcagtgggtg tctttgaggt caagtacttc aagcgaaacg catacctggc ccaaagccca 120
caattgtaca agcagatgtg tatcgctggt gacatgcaga gtgttttcga gattgctcct 180
gtgttccgcg ccgaggagag caacacgcac cgacacttga ccgagttcac cggctctgat 240
tttgagaaga ctttcagctc tcaactatcac gaggttctcg aatttgccga gcagctcctc 300
gtattcatcc tttctcagct caaggagcga tatgcggacc aaattgccat tatccagaag 360
tcctaccca aggcaggcga tttcaagctc cccaaggacg gcaaggccct gcgactgaac 420
tatatggacg gtgtggcgct cctcaaggag gcaggcgttg atgtgtcaga acaggagcgc 480
ttcgagaacg acttcaccac tgctatggag aaacagctgg gacagatcat ccgcgaaaag 540

tatgacaccg atttctatgt gctggacaag ttccctatgg ctgtccgccc cttttacacc 600
aaggcctgcc cccaagatcc ccgcttctct aactcctatg acttcttcat gcgtggcgag 660
gaaatcatgt ctggagccca gcgtattcac gatgtgaagg agttggaggc ctctatgatt 720
gccaagggcg tcaaccccaa ccaggagggc tttgaagact accatgctgc tttccgccag 780
ggctgccctc ccacgccgg cggtggattg ggtttgaacc gtattgttat gttctttctt 840
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taa 903

<210> 27286
<211> 525
<212> DNA
<213> Aspergillus nidulans

<400> 27286
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gattctgcca acgaaaatga cgattccctt gtcgaaggcg cagagcctgt ctctccatct 120
ccgactccca aaccaaagcg ccagcgcaag accgccccca agccgcaagt tggtatcgag 180
aacgaagctg aaatggatca gtaagtatgg caaccttctt ccgtgttttag gtcgaccatt 240
gtttttcttg gaaaacacag caccgggccc gattatgtat tgatataata cagtgactct 300
gacgattcct cctcaagcc tgagcagaaa cagctcgagg cagacctcac caacgccatc 360
aaagccgagg gccaatacac cccaagactt catcgctgga aaaccgatga agaacaaatc 420
atgacggaca tcaacctcga tgctgaattc gaggaaatgg agcgcaacaa gcagttatct 480
gaagcccggc gtagcagtgc aaagcttgct cctttgcctg aatag 525

<210> 27287
<211> 312
<212> DNA
<213> Aspergillus nidulans

<400> 27287
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ccttctctc catcgctcact tggcgtcaat gaccggcaga cgcgtgccga gtttgcccc 120
cctccttctc cggctcccag acactctcca gatccaagag tccagcttaa gacgaacgtg 180

acgattcgtc cagcttttgt acgccgccct acgatgaggc aaataaaaaa aaaatcagtg 240
 atcctgcggg caatcccgac gacccgggtc aagagaattt tccgcctcct ccggttgctt 300
 tccctgggct ga 312

<210> 27288
 <211> 274
 <212> DNA
 <213> Aspergillus nidulans

<400> 27288
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 tcccaccttg ggcactgtac ttgcttcctt ggccttcttc tcctccctcc cgagacagtc 120
 tatgtcctgg ttctccaccc acgaaaggcc tttctcccag taggcaaacc ggttgctctt 180
 gtacgtgaaa tggaagtcct cccaccgatc ctccgcaagg gtctgcatat attgcagcga 240
 gctgccaggc cacagcgccg tgattttgcc agtg 274

<210> 27289
 <211> 315
 <212> DNA
 <213> Aspergillus nidulans

<400> 27289
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 caccatttc aaccaggcta tcctactcct cagcagcacg tcactataga accagtgaac 120
 acagcacata tcccgctact ttctcgaatt acgagcctgc tcttgcccat tcgctatcaa 180
 aactctttct acaccgccac cgttacggat cctgtgatcg cgtccgtctc gcgtgtggcc 240
 atctaccatg atcaccgggc cgcctttgcy ccagcggcag ctattgcca gtcacctaca 300
 acaggaacag ataaa 315

<210> 27290
 <211> 426
 <212> DNA
 <213> Aspergillus nidulans

<400> 27290
 atggaggtgg tgtcaggatg gaaagagtcg cctctcagtt catgcagttt tgaacttttc 60

ttgcctgcc accctaagga tagcaagtcc cgcggctccc tggaaacata taatatcatg 120
 cttgaacgat caaatgatac atttcaatgg aaagtcgacg caaacgagct ggaggcaatt 180
 ctagggctat ggacattctg gctcttgaag tacgatgcga agtggtcgca gaatggcctt 240
 ggacgagtag tgggattgac taaagaagag gccaaagctg aaacaacaga tctatacttc 300
 cacaagtgga ttttccgaca gaggaggga atgatggtat catcaaagat gatgtccttt 360
 ccagggcaga ctttcgggta cttttccgat gattaccgg atagcaagg agattctttg 420
 tcgtaa 426

<210> 27291
 <211> 204
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27291
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 ttggagccgt ccccaaactg tctgtctggc agcatcctac ctttctctgg aggtttgtag 120
 tcctgtagca gcacgtcgc gtctacctac tctgctaaga ttatgcaggc cctgggctat 180
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<210> 27292
 <211> 1564
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27292
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 taagaggtgg ttaggatcct acaccagtgg aaaactgagt gatgatttag cgacggacct 120
 tticggcgag atctacaaaa caaagtacgg tagttcaatc ccgaacgaaa agtggcgagc 180
 gcttgccgag ctcttactta atcagggtgc cacggggcag gtcgtcgacg aagcgctgat 240
 agaacgggtc agggctagag acctcgcaag tgtgaagcta ttgctacgag aaggcgcttc 300
 tgtagattat gacaacgccg ctgctcttga tgatgccgtt gcctcgaca atgaagagtt 360
 cattgacgct ctactgcaat atcagccggc agccgagtcc gttaactctg tcttctggcg 420
 cgtagaagat cttcctcata gtgtccaagt gcgcacgcg cgcaagttgc tcgacgctgg 480

tgccaatggg gagcaagtgg atagagtact gaaggtggcc atagccccct tggctggtga 540
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 cgaagcccag agatacaaaa taatccacat gcttcttcac gcaggtgctc gtggcgatga 780
 gatctcgcaa gcattggtag atagtatcga cgggaccaca tccgggcttg atctagccct 840
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 gaccgccgca cttcgccatg aaatggaagg tttaaagcga cgatccgaat cgacgctagg 1140
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 cgaccgcgcg gccgacttac gatacctcca agaattgctc gctacgggtg tgccccaggc 1380
 aactctggac aaggcggttat tgcacagtac cgataagcaa agcgaacaac tggttcttct 1440
 cctcttgcca tacgggtgcat ctgtcaatta tcaagatgga gccgcagtgc gcaaagctat 1500
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 ttga 1564

<210> 27293
 <211> 210
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27293

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 gcggcctccc cgagaagtac cagtttgacg ctgctgctcg gttttggcgc atttgcgggc 120
 gttgattcag acattgtgga cgaagcccaa cgaagagacg gttatatcga tcaggtcgctc 180
 ttgcagcaac cgctgggtta tcaatcgtag 210

<210> 27294
 <211> 359
 <212> DNA
 <213> Aspergillus nidulans

<400> 27294

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 gcgtctttac gttgctaaga tcgatggaaa aatcgccggg acagcaggac tagcactcat 120
 caccacatct cttggcaaag ttgctggagct gtatatcgac agcacgcttc cagagttcag 180
 ggggaggggc gttcaagtgg cattattgaa agctagactt gctgaggcga agagagatgg 240
 gtacgatatt gctgctgtga caacgtggcc tgggtggtgtg agtgcgagga atatggaaag 300
 ggtaggggttt aagctggcgt ataggaagga tgtttacact cctggttctc ctgggtgtg 359

<210> 27295
 <211> 369
 <212> DNA
 <213> Aspergillus nidulans

<400> 27295

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 aaatccaggg gaagcggtag atcaggagca caactggacg tgcgcccagg gcgtttcaag 180
 aaggtcaagc taggagaaga agcggactgg gtgtgtagaa gcctcgagag tcgggagatt 240
 atcgagagaa tagaaaaggg agaggggaag ggaacgaaga agcgagagaa gtggaaggac 300
 gatgaggagg cagagaaagg cgatcccaaa gtgggaagcg ggaattggaa ccacggggcg 360
 ggtacctag 369

<210> 27296
 <211> 474
 <212> DNA
 <213> Aspergillus nidulans

<400> 27296

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 ttcaaagggc aaacgacgcc aggtaacgcc ggaacaagga aaggacccgg gccgagacgg 120

gacagagggg aaaacaacca ggggaagaaa caagatgaca agcgcacagg ggcgaaacgac 180
acaaggaacc ggggcgaaca gaagcccagg ccacgaaccg gaagggaacc ccaaaacggg 240
aacccaaaga gcgccgtgcg gaatggacgg ccacagggga accccagaca agcctcccca 300
aaaagccaga ggaccacctc tggaacaaaa gagccgagcc ctcagaaaag acacccccaa 360
gcgggggccca ccggaaggca cccgccaggc caaggaaccg cccaaccccc cggggccaaa 420
gcaaagcgga actaccccga gaaagagaag cttagcacc cccaaacccttt ctag 474

<210> 27297
<211> 243
<212> DNA
<213> Aspergillus nidulans

<400> 27297

atgccctcga agcgggtcatc tcaaggaagc cgagcacccc agcaatctcg tatattgttg 60
ggggaaacaa agcccggcgc cgacgattcc atcgagctca agcgagagat aacgcgcttg 120
aaaattgaga acgatctccg tgctcttgca gagtctcgag agattcaacg gctccaagct 180
gaggtgaagc gcttggaag gctcaagaca gaattgaaca gagcgattga ccggttgat 240
tag 243

<210> 27298
<211> 484
<212> DNA
<213> Aspergillus nidulans

<400> 27298

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atatcatgaa ctgactgttt ttggaagggt acacaagaga ctgaaattga gctcgacatt 180
gatgaacttc ccaatgatgt tctttggatg ctgctcaagt tcgtgaagaa aaacgcacct 240
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accgaagaag aacaagccca tgagcaagta cgaacaggaa gctcagatta atatgctcga 360
aagcaacctc tcacgcttcc aaggggggtg gcacggtcgc tctcccgaac cagttccttc 420
actcgaggcc aatgatagca gtggtgactc tgaggatgat tctgaagaaa gcgaagaaga 480

gtaa

484

<210> 27299
<211> 984
<212> DNA
<213> Aspergillus nidulans

<400> 27299

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aatcctgatt acgcaaatac atctttcgac cccgtcgact tcctcaacga cactctcccg 120
ccactgagtc tccaatcttc acagtttcaa tcccaatcaa acccgcggtc cgtcaatctc 180
accgacctct ccactcgcgt ccaatctatc ctgtcacaaa ccaatgccca gaacatccgc 240
cactcaagca cgcttacttc tcttacggat gaaatcatcc gcagcggcaa ccggctcgcg 300
tacgaagtcg aggttcttcg cggtagggcg atcgactctc cggacttgct gacggagggg 360
ctggcagagg agattgagag gtttactact acgccgacaa ttccggagga gaaacccgaa 420
gacgaatcag atccacaga gcgaggagaa cacgagagga aaaagagcga accggagtat 480
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ttcggcgacg caatggagtg gccgcttcca ccgtctgaga cttcgataac gtcctcgttc 600
atctctgttt ccgcaccaga tttaggcccg gacagtcaga cgcgtgagga gaaaggacag 660
gaagctgcaa agaagctacg tggtagatc aatgagcttc tggatagcga tggtagggctt 720
gaagctgcag cgcgcagggt ggaggctcta cggacactat ctttggtgtg gaaggggaca 780
gcggaggaga aggcgcgggt gaggtttgtg gacggattag caaagctcgt cgaggagcgg 840
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cgagaggaga tttacttgga atga 984

<210> 27300
<211> 611
<212> DNA
<213> Aspergillus nidulans

<400> 27300

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 tccatccgcg cctggctgtg tcccaacgcc tggaatcagt ggatcttcgc gtatccagat 180
 agtgcggtgt ggcacgcagg tgggtggcatc gtcagcgcgt tctacgggtc ctgggaaatc 240
 ctcggtatgc agagcgagca gcagtgtctg gtgggctttt catttcctgc atcgtttttag 300
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 ggcgatatct gggccggcgg ctggttctgg ggggataact cgcggagctg tgtgcatcct 480
 gtcaagagag atgcactgcc tgttgcttcc gttcctgttg gggatatcaa tgctgaaatg 540
 aacggtacca cccttgctga tgggatgagc caggtcggca gtcgactatg gctggatttc 600
 agtccgacga g 611

<210> 27301
 <211> 533
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27301
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 tgcaattgcc cgattcccat ctcatcagcg aatttcgcgc aacaatcacc tcccttggcc 180
 gtgaatccgc aacgctcggc cttaccacta gcctcttcaa tgacatgctc tatttcact 240
 ggcgcgtcac gcatgatttc cccgaggtca ttgcgttatg ccgcgagatg gaagtcactg 300
 gtgcgcagcc caacatcggc acgatcaata tacttgaggg tatcgtgcgc gagcgcaatg 360
 aagacctcgt gaagcgtcag tcgggcgaga cctcggagca gccatggtgg gatttccccg 420
 ataatcggag ggctatgcgt aaattgttag gggaggacgg gatgcttgag aggttcagga 480
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<210> 27302
 <211> 777
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27302

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gtcgaccgc caggagaagc taaagctgat ctgcacatat tcctcgattt tgcgcaaagg 180
atggacttta ggaataggga cgggggtccg ttgatcccg tcacgaatcc cgaggaggtg 240
tttgaagaat ggaagaagat gtcctacggg cgcccccttg actgcagcga cctcacgtat 300
gagaagttgt ccggcgggtc tgggatccag tggccatgta caaaggagta cccgtttggt 360
aaggagcggc tcttcgacga tggcaagtgc ttcacggaca ccgactactg tgagagctac 420
ggccacgacc tggagaccgg gacgccgtg acgaaggggc aatacgaggc gatgaatccc 480
gccggacgcg cgatattaaa ggcagcgcgt tatcggaagc cgtgggaatc gccagacgag 540
gaatttccat tttacctctc gacaggccgg aacgtattcc atttccacac ccggacgaag 600
acaggtcgca gcaagaggct gcagaatgct gacaaggatg cctgccttgt catctgtcag 660
gcagatgcag atgagctcgg cgtcacgaat ggggagatgg tgattgtcag atcaaggagg 720
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<210> 27303
<211> 329
<212> DNA
<213> Aspergillus nidulans

<400> 27303

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tgatggctgc taagcgtctt tttgagagcc accccttctt catcgtcgac tgggggtattg 120
aatgcgctaa acagctctat tggaactggc gcacaggcat taaggctcca gacttgcaat 180
tcacctgctg ctagggaaga cccgagccat gactggggcc gagcaggagc gaccgcggc 240
ttctcacaca tcgccgacgc agtcattgca aggaataaaa atggagattg aactgggtcaa 300
cacgagcccg aatagacaca gtctgaag 329

<210> 27304
<211> 282
<212> DNA
<213> Aspergillus nidulans

<400> 27304

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gctaaattcg tcacatccac acttggtaac actgtcggcg gcgtctccaa gaccttgggg 120
ggcgttacgg gcgccgaac tcgcggactg ggcgatacag tgaacagtgc taccggtagt 180
tcggggaggc ctgttggcga tgctctggga aatgtgggga cgggattgga ggatggactt 240
aaaaggttgg gaggggggtcg aggatgcggg acaggggaat aa 282

<210> 27305
<211> 226
<212> DNA
<213> Aspergillus nidulans

<400> 27305
cggaaaacat cgatggtact ggttcggcct tcgccgagac caaacaccat ttaaagggt 60
ttgagcgggg gagagatata tcgggtggat ggtgcgttga tggagatggt cagttcattc 120
tcttctcagg acgggaggct gtggaaaagc ataattcttt tgctcagagt gaggggttca 180
aagagtttgg ccgtatcaga gactatgtcg aggaagttga gataaa 226

<210> 27306
<211> 249
<212> DNA
<213> Aspergillus nidulans

<400> 27306
atggcgcca taattatgat ggccaggagt cgacatatcc agagtgactt gttccaactc 60
ggcagctttt tcctgacgga gagctatatg aaactttatc atcttgaaag gcggcgccac 120
aggacctcta atccagccat ctggggctct ctggagccgt tcgacagtga cataacaaaa 180
atcggcagcc acgacattga cgaaacaagc aatgacaagg gagagtgttc ccgcgagaaa 240
agagagtga 249

<210> 27307
<211> 505
<212> DNA
<213> Aspergillus nidulans

<400> 27307
gcgatacgtg ccacgaacaa gctggtcgct cactatgagc aacgtctgag caaggttccc 60

tcggcgagcg agctcgaaga agggaagacc ctcatccagg agctgacaac gagtgtgaag 120
gatggtcagg agcatgaggt ttcgttccag gtatgcctcg gttatgtctt gtttgtatat 180
attttatcga tgatacgatg actctgacct gactatggtt tcaggcggag atcgagaggt 240
taaaaatgga gttgtccact tcgaaagacc tcgagaaagg ttatgctgag aagatcgggc 300
tcatggagat ggaaatcggg ggattgcagg ttgacaagca gacagcgaga aaccagattc 360
attgcttgga gcagaggagg gaggagctct ccaaagggt gatggaactg acttcgactg 420
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ggttgctggc tgggatcaag gaaaa 505

<210> 27308
<211> 579
<212> DNA
<213> Aspergillus nidulans

<400> 27308
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gtaaaggatc cccgcaaaaa aaccgcggtt aagctgcgta ttaagacaag cggtgactac 120
tttcgtatta atacgatttt gaagcggata agccatctag attatgtgaa tgatatcgac 180
caggttctta agaacgcggg aagggaacgg tcgcagcaaa tacaggccga gatcgagtcg 240
ttgaacaaag tgaggaacgc aaaagagatc gtcgaaataa atgagattat tctttggatt 300
ctgtacggca gggagtggct gaaacctaag caggtggctg cggtgctgta cgtccagagt 360
ggtgagctgt cgcttttgac gctcgaggca aagttgcagc tcaagtatac gctttttgaa 420
gttgatagtg acggggatgt ggattttcgc tcctacgaga ttgtcgactt gattcctgag 480
ggagatcagg gccagctttc aacagcggaa aaacaccgtc aaacaacaaa gagaatattg 540
cccgaggaaa tcgatatcat acgccacttc cttcgaact 579

<210> 27309
<211> 317
<212> DNA
<213> Aspergillus nidulans

<400> 27309
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ctcccaggtc cggtcctgga cagcgcgccg aaagcgagcg ttcacggcag tgttcacggc 120
 agcattctag gcaccgccgc cgatataaat gatccatctt atttgtggac catgtatggg 180
 ctgaacacat cggaggaata caagtacttt caggagccgg ggaatgacga gatccacgcc 240
 cattatgact cgcgtttctt caaagatccg gttcctaaag agcaccgttc gcaagtcttg 300
 acacatatca tccattc 317

<210> 27310
 <211> 255
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27310

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 ccctcgtttag actccccagg atcggttact tcgaacgaga gcgtggatct ctcccgaagc 120
 gacgatctat catactttgt cgcggagatc gcgatgcgga aaatgctgca gcgctgcaca 180
 tgggcgacga cacgctggcg cagggcagac acgtctacgc gcccatcgtc gccgtcgaac 240
 ttgagcgcca attag 255

<210> 27311
 <211> 224
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27311

ggtatgacga ccgtaccctg gtcggcacgg tagcgccctt caccatcct gttactctgc 60
 gggttcagtc tgtcggatcc ggatgcgtga gcacgctcgg caccaccgtc tctgcagtcc 120
 agtccgcaga gccggtgttg cgttggttca actgcagcag gaggtctgag ccccgccggt 180
 aaagggcacc agcaggctgc caccaatcaa cggatatacaa ggtc 224

<210> 27312
 <211> 255
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27312

atgagggggg gggggatttc gagggataga ggagtggtag aagtgagagg ggggaagatg 60

ggatgggaga gtgagtgggg gaagaaggga gtgtgccaaa gagggacgga ggatgaaaga 120
 gaggggaaga gggagggcac gagtgaaagt ggattgaggg cacgtgggga gttcgtaggg 180
 gtgagccgat ggaagccgaa ggggtgaagaa ggagtggagg gagatgggga aaaagaggag 240
 aaggtggagg ggtag 255

<210> 27313
 <211> 246
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27313
 atgacgagcc gtattgtgac acccgagacg ctagactcac tcatgacacg ctatatccat 60
 atcacagttc tagagatcaa ccaagatgag gtggatagcc ctgcccgcac aaacgatgta 120
 gtattcaact ccaccactgg tgttgtaacc aaccagatgg gctcctttac acttgtagtc 180
 gggacgaacc acggcctggg aaggattgca aacaccagaa tgagcatgat gcatcggcag 240
 aagtag 246

<210> 27314
 <211> 249
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27314
 atgaagctgc tattcaactc tctctcgctg gggatgact tgccaggcgt cctacgcgcg 60
 agagaatact ccagaaatgt cgatgagcgt atccctgagg gcaaaacctg gttctggagc 120
 gacttccgca ctcaaact tggtattgag tctaataatg gtgaagatgt cggccactat 180
 agcgaaacac gggacgtgaa gatgtggagg gccaaactcag gatcatcgat ggcaccgcag 240
 ccaggctga 249

<210> 27315
 <211> 258
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27315
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agggccttac tcacaagaat gtgcagcgta catcatcgtc cattttgttc ggcccactgg 120
 cgggttgcaat cgacgtcgac gaactcagct ttgattatcc gttgactgta aatacaacct 180
 tcggcgactt agatgacggc ctcaccatcg acgcttggat gcggagggga ctcagagttg 240
 acccgagtgg cgtacccg 258

<210> 27316
 <211> 396
 <212> DNA
 <213> Aspergillus nidulans

<400> 27316

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 aacagcaggc ttctgtact tgtgtaccgc aatgtcctgg aggatacaag tctctgcaac 120
 atcgtaaaca ctatcgagcc gaatggctgg atcaagggtg ggcagtggaa gacgtacaag 180
 gtgcctcact ttcacacca ttgccacgaa tgctatggaa tcatccgagg gggatcaacc 240
 tatctccttg gggtcggccc caacgacccg aaggctgacg aggagggtag tccatatggg 300
 atgaagttga ctgtccaaaa aggggatgtt tttgttctac cggttaagtgc tacttcaagc 360
 aaatgcgga tgcgtgacta caccggagga agctaa 396

<210> 27317
 <211> 357
 <212> DNA
 <213> Aspergillus nidulans

<400> 27317

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 gcgccacac ctcttccct agggctcgag cgggaattta ccagggactc cgagctcgag 180
 agagaagacc ctatttggga cgattatgac ggcaagcccg taaagtcgaa gaaggaggag 240
 accctgtta aagccgtcaa aggattctgg gccagcttgg gagcagctac tatgggaagc 300
 agtaaaccaa aggccagcaa gaagaaatcc gaggagaagc ccagagaacc tgacccg 357

<210> 27318
 <211> 378

<212> DNA
 <213> Aspergillus nidulans
 <400> 27318

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 ctccaaccaa gcaacaaata tccagcggtta gatacaatgt ccctccaagg caaagtctac 120
 gccatcactg gcggtgcaag cggcacgggt ctcgcaaccg ccaagctcct ttcctcgcg 180
 gggggcaccg tttgcatagc cgacgtcaac ccgaccactc tcgccgaagc agaatcctat 240
 ttcagctcca agacacccgt cgtccaatac acaatcactc aagtagacgt ctccaacaga 300
 caacaggtcg attgttggat cgcgtcgatc ctaacgaaat accagcgtct tgacgcgccc 360
 ccaatatcgc aggcatag 378

<210> 27319
 <211> 254
 <212> DNA
 <213> Aspergillus nidulans

<400> 27319
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 tggctctcga aactcggcca caacgtcact gtgatcgaac gcgcttcttc actgcgcgca 120
 agcggattgc aagtcgacct ccgtggccct ggcatccaag tgcttcgccc gatgaagcta 180
 gaagaaacat tccgccagca cgctgtcgcg gaacaggggc ttcaactcgt ggatcgaaga 240
 ggccgaagat gggg 254

<210> 27320
 <211> 621
 <212> DNA
 <213> Aspergillus nidulans

<400> 27320
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 aagattcggc ttagtttgct atttacggtg ggactggcgt acattatata cccatatgga 120
 agtggatcgc tgaggctaata gaagtcagaa catgcactgt cagtgccgcg cgctctcag 180
 ttgttgtctc gcagggtccc acagacttta cctgtaaggc tatcaccctc ctgacccttc 240
 tggatgatcc ttacatctca ggggcccggc tccctctggg catcctctcc gtctgggagc 300

ccctaggcgg aatcctctgc gcaaacctgc ctctctcgca caagctcgtc ttgagcgcat 360
 tccggaaagt cactggccgc acttcctctg agcgtaacca tctttcacca accgggcccgc 420
 gcagctggta tcgctcgag aattacctcc accgaaaggc aaatcgaaat ctagagacta 480
 gtacagatac ttactataca actcattcat atacagattc gaccgagatg ggtgggatcg 540
 ttgtccaacg gaattttgag caggtttcct cgtatacggg tgttgattta ctgcggcaag 600
 aggaagagac aggagtgcc a g 621

<210> 27321
 <211> 255
 <212> DNA
 <213> Aspergillus nidulans

<400> 27321

atgagggaac tagttaaaaa gaatgcggcg gctgtaacag ctgctggagc cgataatgaa 60
 agtgcggggtt ttaactcggg tgatccggaa gagagtccca ctaaaaggc tagggatgag 120
 tccaaaggga aggaaagaat ggctgttgct aggaccaacg aatatgctga tagtgatggt 180
 ggtgaaaatg aaggatatcat gatggatgct cttctgaata tggaaaagga ggcttctgat 240
 acggacttcg actga 255

<210> 27322
 <211> 357
 <212> DNA
 <213> Aspergillus nidulans

<400> 27322

atggaatgga cctcccacga aatctgccaa ctcaacacac ctgtcccccac ggctctcttg 60
 gacattactg gcaatggctt caatgatttg atcgtaggct ataatttttg tctaccatg 120
 atcaactcca atcctgatgg tggatgattt atatggctgg agaaccggg caacaacccc 180
 aacgcccagt ggaagcaaca ttttattggg agatggccaa cgggtccaccg ccttgcatgc 240
 ggttacttta ccaaaggac gttccctgag gtcattgccg cgccggtagt acatgggccca 300
 tacgataagg caagatccca gtggcataga gataccccgg ttactaactt gctatag 357

<210> 27323
 <211> 383

<212> DNA
<213> Aspergillus nidulans

<400> 27323

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ccacggaaag gaatgccgga gtggaaatgg aagggcaccc ttgcggtcat cttgctgcag 180
actattatta gcggtatgtg tgtcattatc ctgccccct caaccttact catttaacat 240
gtgctagggt acgatgttag caatgtcgcg aatatccaag ctgcctgta tgagaccttt 300
ggaaatatcg agcttctgcc ctgggtgggt ctgtcgtaca gtttggccaa ctttgcgctt 360
atctcgctgt cccgcaagat ctt 383

<210> 27324
<211> 1349
<212> DNA
<213> Aspergillus nidulans

<400> 27324

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cccagctact ggctggaata tatgccgctg ctggcagggt tcgtctttgc cggcgatcga 180
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ccctaattctc agctaccttc aatggcttcc tgcttgccat gacggctctg tctggcgact 420
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ctgattcgcg agccgtcacg atgtttatcc ccgagcatct cctgcgcgggt gtcttcgtca 720
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cgtttaccgt ccacgtcgtc aactaggca tggcccaatt ggcgaccag ctatatgtgg 840

tcgcactgat ggtcattcca accgtcctga tatgctacgg ctatggttgt gacgactcta 900
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atctagatgt tgaaaaaggg tttaagtag 1349

<210> 27325
<211> 342
<212> DNA
<213> Aspergillus nidulans

<400> 27325
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gggctgtcct tctcgtcct ccattcgtct ccctttcgca cagcaccat gagatgcgaa 120
tatgcaactc cgagtatcgg ctctacaggg ccgggtgga ctgtgtccaa tcaagatccg 180
ttaaggaagc agggcgcggc tcgagaaagc ggtatcatga ctgcgtcgaa catgcgacag 240
gtgagcatgg gaagcgtcct tggccttgtt gttggagttg gattaagggc gttctcgcgg 300
gtattcgtgg tccttttcgg catggggatt atattggtcg ag 342

<210> 27326
<211> 596
<212> DNA
<213> Aspergillus nidulans

<400> 27326
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cagcttactg ggctgacagc catgcagccc cgtcactgtc tagaacggcg tttgatcttc 120
aaggccacta gaaaacctga tctcgccaac atgcgcagcg gcaactggcca gggctctgat 180
attgtacggc tcaataaaat gctgaatggg cagatgttct acacgcaggt cgtcggccct 240

ctatccgagg cagatttcga cggaaaaccg tcgtcatctg atagccagga tgtttccatg 300
 tcggggacac atgaagctgc aggtagctcc tacgactacg acagccagcc gtggaggctc 360
 gaatttagag acactcctga ggcaggcttc cggtcgacca tcacggctcg gctggcggct 420
 agcgtgctc taccgaaagg ggatgttggt ctttctatga atgcctgggg atataggtta 480
 gtactccga gctattattc gggctcattc ggatgggcga catgggttgt tgacggttct 540
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<210> 27327
 <211> 231
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27327

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 ctctccatag ctggtagcat tgctggcctg attgtcctag ctgaagaact gttccacctt 120
 gtatataagt tcaaagacgc gaaggagggc atccaaaaaa tatgcaaaga gatccagcct 180
 ctcaagtctg ctttacgatt tatcattgct tgcaaaatca ttcgagtctg a 231

<210> 27328
 <211> 387
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27328

atgaccattc ccgccgaagg cctcggcgag gtttgcgcca ccggtcgccg cggcagtgaa 60
 ggctggcttg atctgtttga cggcgacaag aagatatgcg aactacactg ggataaccgt 120
 gccgagcggc gctggaatga ctttgaagtg ctggagccgg atgagggcta tcgagttgag 180
 tgttcggggg ggagtagcga gaggggtccg cttggccatg tctttgtgga tgtgagttaa 240
 gcacggaagg aggaattgcg cagggagaag gagcttggcg ggctgagggg ctttgagggc 300
 cctggggctg gcgagaagag tgtggacgtg gatgtggcgg aggaggttcc tgtgttgggg 360
 gggttggggg ggatcgggtg gaagtag 387

<210> 27329
 <211> 234

<212> DNA
<213> Aspergillus nidulans

<400> 27329

atggctctcg aagcgccgtc aaatctagag actggtcatt acagggacag acgaattgct 60
gcacagataa ccagaggaat gcaggaacct ctcgaaacaa gtcagggaga aaagcctcat 120
ttgctgggat atagttccgt ccttgtcttc accaccaagc cactgcaact cctcaaggca 180
cgagcacaca agctaaacag gagtttgccg gggcgactgt tgggcaaaga atag 234

<210> 27330
<211> 230
<212> DNA
<213> Aspergillus nidulans

<400> 27330

atattctgaa gctgcgaaca ttgctgaggg aataatgaac actcatcctt tccaggatgt 60
gccatacatc ttcttgagga ccatcggaac ctaccttccg aagtactatt cgcggtatgta 120
tgtacaaggc tcttgcatat gctatcaggt aacctatgca ttacaggtta ctttatgccca 180
cagttagtta ccctgaaaac aactggcgt atgaggccca tgcttaatag 230

<210> 27331
<211> 423
<212> DNA
<213> Aspergillus nidulans

<400> 27331

atgcaggagc tgaataaccc tcggcaagac aactctcgca attatctcaa ctccaaaact 60
ggcgcttggg tcttaggaag cgaatttgca cgtcgatccg gccctgaaca cggcattgtc 120
agtgttgcaa tgaaccctgg tgctgcccgc accaaccttc tgcgacacgc cggatggact 180
aagttttctca gttggccggt gtcctatagt ccgaagctag ccgctctcac tgagctgtac 240
gccggtttat cgccggatat caacctcgag aacaacgggt gttatgtgat tccatggggc 300
cgcatccata ccaactgtcg ccccatctg atgaatgcgc tgagggtcaa acaagccggt 360
ggaactggaa gggcgagca gttctgggat ttttgcgatg acaagaccaa ggattatcat 420
taa 423

<210> 27332
 <211> 423
 <212> DNA
 <213> Aspergillus nidulans

<400> 27332

atgtcaatcc gagaaagact gcttgcaact gtttcgaaat acattgccgc gtacaacgag 60
 ttcgatccaa gtgctatgaa gaccgttcgc acaccaacct gccttactca tggagttgca 120
 ccgacctgca agtttactca gagtatggag gaacacacga gacatatgat gttatcgcca 180
 ggagtgtttc gatcagtcaa tgccagcatt gtggacgaca acattacggt tgttgatgag 240
 gtgtcaagac aagttgtcgt gaagggtgaaa atcaggtgtg aaacgacggt tggaccctac 300
 gagaacgaag caatgtttat aatggctatg aatgaggagg gagctctggt ggatgagatc 360
 tttagttct tggacacagc ccgttttcgc cagttccagg gacgcctcga ggaggctcaa 420
 taa 423

<210> 27333
 <211> 297
 <212> DNA
 <213> Aspergillus nidulans

<400> 27333

atgtccccac gggcatcttt tcacctcgtc gccgaagaga atgggcgtgt catgcatggg 60
 ctgacatgga ttctcctagg ccgtttgggt ggcggtatag tcgtcctgcg cacgaaatac 120
 cgagatgtcc ccatgggcat cgattccacc cgcctaggtt ggatgggcgt gcttcgttgg 180
 aaagcatgga tccgcctagg ctgtcccgag tgtgagcgag gtgtgagtgt cgcccatggg 240
 catcgacacc ttgcggctag gaactggaac gagacgggtg gcaaagattt cgagtag 297

<210> 27334
 <211> 351
 <212> DNA
 <213> Aspergillus nidulans

<400> 27334

atggtcgacc aggggttgaa atcgtcgacc aggtccgaga cttcatcgac cgtgtccgag 60
 gagtggtcga ggatttgctg accaggagtt gaaatcgctg accgggtccg agaattcgctc 120
 gaccaggacg gcggaaccct cgaccaggac gatgaatggg cgatgaaaat ctatcgggtt 180

cgaggaatgg tgcgacagaa gttgaaatcg tcgaccgggt ccgagaattc gtcgaccagg 240
 ccgaggagtg gtcgaggatt tgtcgaccag gagttgaaat cgtcgaccgg gaccgagaat 300
 tcgtcgacca ggacggcgga accctcgacc aggacgatga atgggcgatg a 351

<210> 27335
 <211> 309
 <212> DNA
 <213> Aspergillus nidulans

<400> 27335

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 tatgaaggcg gcatggtcct ggagtatctg cctctacctg agcgtgaccg tctgtgtgca 120
 actaaacggg cagtaacgct ggcggagtgg aaagcttttt tccagatcct gcagtttcgc 180
 tgtggcgctc tcttgctggt gctgatgctg gctactaatg tttttcttta tccggggctg 240
 attgatgccg tcgtcggcag tgttccactc ggtttcaggg gtgggctgaa tcgggttttt 300
 ggtgtataa 309

<210> 27336
 <211> 276
 <212> DNA
 <213> Aspergillus nidulans

<400> 27336

atgacacgtc tgaagcgca actgttattc ctgagcagct ctaacgtaag aagagtaaga 60
 ggttcaatta ttgcgctcga ggcaacggca ggggctcttt tctttcacga gagggaaaag 120
 aaaccagagg gagagacagg acggaaagct ggtactggtg aagacgaaaa aggaagagcc 180
 ctgaagcttc cctccgcgaa atggcgacta ggaggttggg gagtaagaca cgagaacgaa 240
 tctacggaaa ggaacgaaaa gagcactggg ggttaa 276

<210> 27337
 <211> 333
 <212> DNA
 <213> Aspergillus nidulans

<400> 27337

actcttctgc agacgatccc tgacggtaat gcccggtttt tccctgcgga cgtatccaag 60

tacgatgagt acgcgaatgt cttccgcca gttcgcaagc tctggggccg tatcgatgca 120
ctatgcgcca atgcgggcat tgtcgatact tcgtccgtct atatatacga ctggaagaac 180
aggagcgttg atgacattcc tccggccccc gagttggatg tcgtggacat caactataag 240
ggagtaatct acggcactca attggcgact cacttcatga gacataatcc tcgacctggc 300
ggtcgcattg tggtcactgg cagtattgga gcg 333

<210> 27338
<211> 256
<212> DNA
<213> Aspergillus nidulans

<400> 27338

gccgctttgg ggctccggcg tggatccagt tggggttgtc tttgggctat ttgccagtgt 60
catagctcgt tctgtaggga gtatctgcct agactaatgc ccaacgtgtg atttccaagt 120
cttcactcta accaaacctg gcagccgact attgctgtag cgtaacaata gacttgctcc 180
tagcatgtct acgagccacg ctggcagcag gaaataactt tttcccatat agttggcaga 240
caactgggtg cactaa 256

<210> 27339
<211> 348
<212> DNA
<213> Aspergillus nidulans

<400> 27339

atggccacct acggacgaaa tgtcctcaag aggcatgaga agatcctcac aggctcgtct 60
gacatcggtg tgcgcgattt gtatctgtta gaacaaacgg cagctaataa gctatcagga 120
aacgtcagct acatcatgcc cacactccac gctataatttg ccatcccagc aacgaatgga 180
tcgttccttc accatccgtc gtttgctctg gctgcaggga cagacgaagc tcacgaagag 240
gcgctgggtg tgggcaagac cctcgggttg gttggctggg aaatgctcac aaatgatgag 300
ctgttcgagc agtccaaaag ccaatggcag aaatgcgtga atgaatag 348

<210> 27340
<211> 816
<212> DNA
<213> Aspergillus nidulans

<400> 27340

atgacaacag gagtcgagtt tgatgtgatc cagtcttcca taagcgcaac gactaccatc 60
tcatacaatc aacaaaccct caggggtcaat atcaataaca tgtcatccac actgtctact 120
ccgtcattgt ctcaagtttcc gagcgccgaac caaaccccca ggcttcccac tccccgaac 180
tcgccagagg aaacgcatcc ccatatcatg agtgcggaag agaacgaaat tcttgcgcaa 240
gagtctacgc ggctgactga atctggcgat gatttcgctc caacgatcac ctcaactcctg 300
aacgaatata ccgacagaat gaagcaaata cagaggcgga gactagctga acagaaaagga 360
gaacatgaga tactttatgc aaaacttaga agacaaaaag actcagcgct gtctgggtctg 420
aagcaggcgc aagatcttac caccagatac aagcaggaac ttgacgcaaa agtcattgaa 480
gaggagcagc tcaactgagaa gatgaaaacc ctagagaagc tgcttgctga gacagccacg 540
caacattcag aactaagaa ggcgatgct gagaaaggagg aaatatggaa ttctgtcatg 600
ggccccctgt cgagggttaga gaacgtcaac ggcgaaatcc gggagcagct gggagaaata 660
aaacagcagc tagaggggac caatgcttca attgccgagg aaagagctat cagtgcacaga 720
aacctctcag aactcgcttc tgtgagagac aaactagctg agggaaaaagt ccagcgagcc 780
gccgtcgaac gcaggttgaa cgagcaagtc gataga 816

<210> 27341

<211> 243

<212> DNA

<213> *Aspergillus nidulans*

<400> 27341

atggaaaact tccaaccgta cgtcacagtt catatcatca ctcaattgtcg cctattaact 60
ggatttcaca cacagaacaa gcaatgcgat gtcgctatca actctgccct ggctcacaag 120
gcgctcacia acccatcgaa ggaattgtcg gaggagggtc gggctctcgt tcaggacctc 180
cgaatcatca ttgaagaggc caagaaactt atccttagca agaacgacgg gcagttgttt 240
tag 243

<210> 27342

<211> 688

<212> DNA

<213> *Aspergillus nidulans*

<400> 27342

atggccatgg ttggatctgg ctctctgctc cgacgaaacg gcttctaccc accagacacc 60
gtgtggaccg gcagcaagaa cggaacgcg atccagttcc cttccatagg ctccaaccag 120
aacgtccaga cgcactcgga gaagcccaag atgtcaacgc cctcttcctc ctccaggatcg 180
gcctccaact ccggcacctc gacgcctgta ccgttcgacg agaagaccct cacttcagtg 240
aggacacgcg ccgcggggcga acaccgcaga gacacgactc gccccttcgg ccgcgccttc 300
taccaaggct tcgccaactt cttcgtcatc cccatccctg gaatcgtctt gtactcgact 360
tttatggtgg tcatacagcac tgtctggcgt ctcatgggcg tgctgtccgg cctcctcgtc 420
ctcgcgcgat ccttgagaca ggaataccgc gcctttgacc gcgaatggtg gcagcctttt 480
tccgtctatg gcctcttcac ggccgttgtc gcggcagtc ctttcgcgca gaccatcatc 540
ggtgtcgccc ttgtcatcac cacgaaatgg gctgtcatgg gccgccgcac agagggccag 600
tatcactggg acaaatgcag ttataaccag cgctggcagt tctacctgac cgtggaaacg 660
ctcatcaaag acatgtaccg cggcatcg 688

<210> 27343

<211> 309

<212> DNA

<213> *Aspergillus nidulans*

<400> 27343

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gtggtcggat gccgtatatg gatgatcgcg aatccttccg ccgccggagt aggtcacgcg 120
accaagatg ggaccgggat cgagaccgcg accgcgaccg cgacagagac cgaccgcttg 180
accgtgatcg tgaccgagag cgcacatcgc tggatcgaga tagagaccga gatattcggg 240
acatcgatag acgcgatagg gaccgtgatt tggatcgccg agatagattc gatcgccgtg 300
acgaattag 309

<210> 27344

<211> 246

<212> DNA

<213> *Aspergillus nidulans*

<400> 27344

atggcgctga tcgccaccct cgcctgcctg gtgctgggct acccgtttgc ctggtttctg 60
gcgaagtgc cacacaaggt gcgtccgctg ctgctgtttc tgctgattgt tccgttctgg 120
accaactcat taattcgat ctacgggctg aaaattttcc tcagcaccaa aggctatctc 180
aacgagtttt tgctctggct gggcgttatc gacacaccaa tccgtatcat gttcacgccc 240
agtgcg 246

<210> 27345
<211> 342
<212> DNA
<213> Aspergillus nidulans
<400> 27345

atgccgacag cacaactgca tcatatagtc cagggcctcg ctggcggtcc taagaccttt 60
atagaacaat cgccccaaga tatcatcctt attgatgtcc ttgttgctgg cccagcaaaa 120
cttgggcata aactcgggcg tttccagaaa accatattct gtcacactca gctctgtgac 180
tgtcggggcg gacgtatcgc ctcgaggtgc caggcaggct acatgatagc cattctctct 240
cgtgctgcga aaaaaatctt gggctccac gggttatgagg ttttcgagac tgcgatgact 300
gctcacatac aggtagcaac cggatgaacat actacatctt ga 342

<210> 27346
<211> 807
<212> DNA
<213> Aspergillus nidulans
<400> 27346

atggggctgc cgctgaaaag aaagcgtctg tatctttggt caggagccga cgacgaatac 60
gagacgagcg atatcgattt gcaagaagca cgtaccaga acgacttgcg tctgaagtcc 120
atctttgagg ggattttcga aaagtacggt cgggatttta cagacgtcgg cgacgagatc 180
gaccttcaga caggaagat cacggtaaac aacgggcaca tcgatgcact cgaggtggaa 240
ggcaacggtt atggggactg gctgtcggat gcaaggccgc aggctccgag acatgtacta 300
gcagaaagga cggattatga gggcaagccg gcgcgccttg cccttgacgc cgatgcgtgg 360
ggtgcagaag .atactgcctt ggaaggcgac cacgacctgc aacatcccgg ccggaggacg 420
gtccatctac tatcacacat gcggccaggc tctaggaggg gattgggcga aactacggaa 480

acagattcag atcaggggtgc ggcgggtgac ggagaggatc gtgctacgtc ggaggctgaa 540
gacgacaggt cgagtgtgga ttctttgtta ggtaccgcac tatcaatccc ggcccagaaa 600
gtcggtaaga ccaccaaggg cgagactggc accgaaaaag caattcctcc ccacgacgga 660
tcccaccaat accaggccgc acatactgag agactcgatg agactgtgga cccattttgg 720
cgcgttcctg agatcagtg gcgaagtttaca acaccgactt tgccgagtcg acctagacct 780
aacccaaagc ctgtcattaa caatgca 807

<210> 27347
<211> 650
<212> DNA
<213> Aspergillus nidulans

<400> 27347
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ccggccgccc gaacgtcagc taccaaggcc actccaacct tctcaaacac accctcagcc 120
tccgccccaa aagtcacacc catcgctgac aagtcaaacc cccgcaaat tcgagtcgcc 180
ctgccagaga tcagaccgga aagtgaggaa ggggaagaag atggccccgc gcgtaagaag 240
ctcagaatcg gaggaggcgg cgccggcgcg ttccggggct tcaattcatt actacctgcy 300
cccaaacgac ctaatgcgaa ggtggaaaca gataaattag ccggcagcag acccacgcgt 360
aaggtgttta gcttgaagac cggggctgcy ccgggttttg atcgcgaggc cgatgaggag 420
atgaggagag atatggcggt tgagaatttg ggaatgggcy gtgatgacgg taatcaggat 480
gagacaatcc ccaaggcggc gagtttgagg ggaaatgagg acattgaggc gaggaatgcc 540
gtggaggaga aaccccagga agtggctcctg aaggggaacc caatgatgtt caaacgcctg 600
tccgtggcgc gagcagggca gaagaaaaag aagccgatta ttccgacgcc 650

<210> 27348
<211> 468
<212> DNA
<213> Aspergillus nidulans

<400> 27348
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ccaccgaccc gcaacaagtg ccgaccggc taacctccta cacctcagga ttcaaacaga 120

accagttatt ctgtcacctg cgctgactcc gtcacaacaa cctgcaatgt cgacagcggc 180
 gtgacaatca tccaggcccc cagcactgtg acagtctctg tcaactgaaac aggacagtaa 240
 ggcacccgtc cactcaccaa cacctctttg aatcccagcc aaccaatgct aatatccatt 300
 tcttgcttca gcaccggcag cgttctctgc acacacaacg ccaaaacggg aacgtgctcg 360
 ctcggtatgg acggcgagtt ctttgccacg agcaccgaac ctgttctttc gtatgaagtc 420
 accatcacccg aaacagagac cggttcgccg tcgacttcga aatctccg 468

<210> 27349
 <211> 1033
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27349

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 acgatccgtg tcctcgacac cgtccctggc tcgccaacc atgcactcca atatattcct 120
 ccagaactcc ttcccgaaac gtttgtgaac agtacaatgg acggtccgta tactggaccc 180
 catagcgccg atttctcgcg cggcgccgtg cttcttctcc acggcggggg gttcatggat 240
 gtaggcatta ttctgaccog atcgctggac cggatctgct gggctcagct agaggaccct 300
 tgcacgcctt tcaatgtctc tgtaccctgg atgtatggaa caacaatggc gaaccatttc 360
 gttgcgagcc gcaagggcga ccctttcatc cgacgggtggc atgagctctt cctgtatgtg 420
 tggaaagacc gactaactt ccagggactc acgaagcacc cgttattttg cgtttgccgc 480
 acatctggac ttctctgcgt cggcaaagag gggtttcaag tgggagttaa ttgttgatcc 540
 ggctacggtg ttcgactaca tttcgcaggt tttggcttgg attcgactga caatgttgga 600
 agacgcggga gacgggttca gctgtgctga ttatgctgtc aacaatatcc tctggttcga 660
 tgtctgcct gagaactggg ggtttgagga gaaagtcggt tttcgtggag agaatctgtt 720
 taggatcatg gccacacgga cagatggcga tccggagagc gaagagtaca agaaggcgca 780
 cgaggttgtc tggcacttct tgtcccagtg cagcatgcaa aagatcacgc acggggagaa 840
 tttgacgaag acgcccgcgc taggttcatt gtgggatagg gaggagaatc agggcaagga 900
 tatcgagcca gggacttttg ctgagctgct cagatacgga acaacacatt ttaagcagac 960
 gagaagtaca attcgctatg tgactgtgga gaagccgaag gagacgatgc ggaagggcgt 1020

ctttgagccc taa

1033

<210> 27350
<211> 1073
<212> DNA
<213> Aspergillus nidulans

<400> 27350

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tggggcactc aaccagcccc ttcacagga tctattctc atgatattca attcaatccg 120
gatccgtcgt ttgatccaca gcaatatcgc aatattcata atttctatgc gaatgcgaac 180
ctctcgggat taggaggcgc aagcgcaact ggtactttcc cgccgcctcc gttcgtttc 240
cccagcactt tccctcctgc accgagcgcc cctccattcg caaacatgcc gaacgtgggg 300
tattccttga tgccattatc gtcagtacat tcacaaatgc gtcccaacca ggcgtcaacg 360
aacaacatgg acaattcggc aagaaagaca ccgggtcagc accccacgcc gactacaaaa 420
tcaaatacag atttggaacg agaagaaggc gaattaacgg atatagaagg tgctgcatcg 480
gctgagcagc agcctcactc gcaaaaaaaaa gcgcgtcgtc tacgcggcga tatttcaggc 540
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cagtcctcgc ttctagcagc tcaaaaagtt ctctgagtc ggctgtctcg gtcgctcaac 960
ttcgggtgca agcacagggc gccctactca gtttggcacc gcacagtatc cgttatactg 1020
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<210> 27351
<211> 396
<212> DNA
<213> Aspergillus nidulans

<400> 27351

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agaggagcag ccgaaggaac ggggtcagag cacttacatt gtctcagact tgcagaaagc 180
acaaaagctg gaatcagatg aaaatatcag tgaagacgat gataaatgga tggaagagac 240
gctcgagacg aagcaggcca agaatcgaga atcgagaact cgagatgttg ttcgttgcac 300
gaggaaggaa cgaccgactg cgggaagctt ggaccaccg atcccgccta gccctgatct 360
ctactgtact ggtactgtag agctactcga gagcag 396

<210> 27352
<211> 672
<212> DNA
<213> Aspergillus nidulans

<400> 27352

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agctccgtgg gatctagccc cggaacccc gaagaagcca tcgcagaaga tgaaaactcg 180
cctcctggca ccatgccgag gtctccatth gtctgccgac tttctttcgg tgcccaggcg 240
ctgcgagatg cccgcgctgg aagcatcggc aacggtagat accatctctc cccccctgta 300
tcacctgcca ctggaaagcg ccggacagcg tcgtctgccg gtctctccag ccctacaacc 360
aacacaggtg ctccagtatc attatctgca agtacatata acggtcttcc ccagaacgat 420
atatctaaca aatcttggcg accaataggc gagggcttca actggtctga agctcttcca 480
gcaagggccg aacgcggccc tttatctcca aattcagccc aggccagca ggccccgcag 540
accagcacc gccggtctgc atccgttgcg tccctggatc tgcccgcacg ggaaatgcc 600
aagcaaccta aacaagtcaa taaacccgac tttttccagg agaagatcct cagaggcgac 660
tttatggact ga 672

<210> 27353
<211> 348
<212> DNA
<213> Aspergillus nidulans

<400> 27353

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tctaacgaac atgaccttgc cagtgaacctt gccataaac ttgttgctcag cctgctaaga 120
gatgtgagta cgacggagat tgatattctg attgatccgc aatggcctga tagcaaaaca 180
tctggaggtt gcccgcgcc gattatttg agtgctgcgc cgtaccctgg tgagggcttg 240
aggattgttc ggagaagcag cctacaattt atcccaaaag acgcgagtaa taccttgcac 300
tggcttttcg cgatggttgg gacacttgat gacaagaaga agacttag 348

<210> 27354
<211> 731
<212> DNA
<213> Aspergillus nidulans

<400> 27354

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gcgaagccgc cgaagagacg gctgatggat ctggagcaga agcgactccc acaggtgcgg 660
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<210> 27355
<211> 1182
<212> DNA
<213> Aspergillus nidulans

<400> 27355

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 gtgtacacga tgccgggttcc gaactttctt tcattagaaa cagaggagtt caaccagag 240
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 cctcttgaca agtcgggaga ctacgacacg aagttggatt ctcatgtata tttaggagca 480
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 gctgcccgcg gcggcaagaa gacggcggat ggatcagcac ccgtcataga agtgaaggaa 660
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<210> 27356
 <211> 593
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27356

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 cagggaccac aagcagcgtc actcccgcca cttctgcgga cgaagccgtt gagcaggtgg 180

ctgaaaaggc gaaggagctg gccaaagaca ttggggccgt ccccgccgag gataagaatg 240
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agcaggctcc ggtcgctgaa ccgacatcga cccaggtaa gtctgacaca cccgctgtcg 480
aggaaaagtc gaagcctgtc ccggaaccgt tggatcgacc agatgtcgcg gctgacgaga 540
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<210> 27357
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<212> DNA
<213> *Aspergillus nidulans*

<400> 27357
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gttctgctct gcaataaccg actaatctgg gattgtagat gacctctccg agagacaagt 180
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ctattacgcg tactactact actcgtctgg tggctatcct tcgccagcgg agtatgaagt 360
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<210> 27358
<211> 447
<212> DNA
<213> *Aspergillus nidulans*

<400> 27358
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ggctctggat acacgttgga taaggccgtt cccctgccta aaggcgtgga cccggacaag 180
cgcaaggcaa cgctctttgc ttacagcaac aatggaaaag gctgcgtctt cctcgacaac 240

aacgtcggaa agaagcagta catgtccatc aaggtatgca aagtcggggg taaaaactgc 300
gacagcgaca ctggctcctt tagccaatac gcggggcctg tctatgtgtc aagctttgct 360
tgtgcgccgg ttaccgcgaa gatgggctct tcgtcgagca atttgtatgt gaactataag 420
aatgactatg ttttccttg taattaa 447

<210> 27359
<211> 408
<212> DNA
<213> *Aspergillus nidulans*

<400> 27359

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caggagccaa acgtttcaag gcagagcttc agctatgagc ctgcagtgtt tcctcagtct 180
acattcgcgc atacagagca agctatcacc cacagccac ccctggagct ttcgaacatg 240
catccggagc agcaaacctg gatagaaaac ctgattcaag acagcagccc tagaacctac 300
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<210> 27360
<211> 285
<212> DNA
<213> *Aspergillus nidulans*

<400> 27360

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tggagggcaa atgcacagcg gtcacatca ttttctgaat acggccgact tctgaaagag 180
ttacatcgca agtatggggt tgctgtgcgt ctggggccgg ggttcgtgag ttttaagcgaa 240
gtgggggata ttacaagagt ttatcatact ctgctccagg acgag 285

<210> 27361
<211> 438
<212> DNA
<213> *Aspergillus nidulans*

<400> 27361

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cggatcgaga gaaaccgtac agagaggagc agtgccgaga gacagcgtgc tgagaggaat 180
aaggttgaga agagtcacgc cgtgaatagt attgctgaaa aataccgcgc tgagaaacag 240
ctgccctgga gaccgcgcgc gctctagcc attcttgccc aaaaacacga actggcattg 300
tctagaaaag ccctgttccc gcagtcaggc ccttctgctg cgagcaagaa gcccagcca 360
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ccggaacctt tggagatg 438

<210> 27362

<211> 405

<212> DNA

<213> *Aspergillus nidulans*

<400> 27362

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tccaaagata cttcggcgca attagtcggc tcaatgactg acgcgtctct tcaaacctg 180
accgacaaac gttacagcag ccgcttcggc gcagttgact cgaaatccac tgagggtgtc 240
actcgaaact ctccttccac acttgcgacg cagaatgaca accctccggt tggattatc 300
gacgggggtc tctctcaacg aattggagca aggcggagta aaccatctcc caatgaaatg 360
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<210> 27363

<211> 302

<212> DNA

<213> *Aspergillus nidulans*

<400> 27363

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tagttcgatt acggaaccgg ggaatactct cgatctcctg tcggagtctg cgcataatca 180

aaggattgtt cagaaggaag aagaacacag agacaaaagc cttcgttata atctgaatgc 240
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<210> 27364
 <211> 443
 <212> DNA
 <213> Aspergillus nidulans

<400> 27364

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 tttcttaacg aatcttcttc gaagaataac gaagaatctc tggatccggt tgggttctcg 180
 gctgataacg gcgatgccca ttgcataag aggagtttct cagccagtga tgcttgtttt 240
 gggtcagagg agcccggtt tgggtggcgg gggtacaaca gggtccttca cgggtggttta 300
 ggtgatgatt ttgattctcc tgggtggttt ggctcgccgg attatgtttc tagacagcaa 360
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 gcggctactg gttctccaat gtc 443

<210> 27365
 <211> 326
 <212> DNA
 <213> Aspergillus nidulans

<400> 27365

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 gcctcagtct gagctcccta aatacctgga taatgtttcc gtgtttgtgg actagcctgg 180
 tgtaattcat ctgataagcc catcccactc cgcggggccc aatatattgt agggaaatgc 240
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 aagaaaacgt gaagaatcct cccaag 326

<210> 27366
 <211> 363

<212> DNA
 <213> Aspergillus nidulans

<400> 27366

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gatccggaac aaagtattct cttgacctcg tcgaaaggga gtagcagcct tgtgttgcg  180
caagcacgag gaaatagcca atccaccacc aatcttcaga cttcggaaca ggggtgcagaa  240
gcgttgaaga aggaccgcca gtacccccca tatcgatttg caatcaattt gaaaaattgg  300
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<210> 27367
 <211> 383
 <212> DNA
 <213> Aspergillus nidulans

<400> 27367

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cgtgggggaa acaatgatgc aagattcgga agccgtattg atatcgaga aattactgac  180
aaagcaggta aggaatatcg acgtacaaa ttccagttca atttgaacgc ggagattcca  240
ctctcaagaa aaaggccgct caagattccc acgaggggta ttcgaccgca gatgtggaga  300
ttcaagacga taggacagag ggggaagaag agcagggcat gcgagagttt gaggaggaaa  360
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<210> 27368
 <211> 390
 <212> DNA
 <213> Aspergillus nidulans

<400> 27368

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acgaattctg gcgccattgc cggtggtgtc gtcggtggtg tcgcgggcct tgctctgatt  180
  
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ctcgactgg cctggtatct catacgacgg cggcagaagg ctgccccaaag ttcgcttttg 240
gcactacaa gtgactctgc ccctggccac gatacaaaag agcacgccgg attcttccag 300
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cacgagttgc ccgtggaggg aggacgatag 390

<210> 27369
<211> 369
<212> DNA
<213> Aspergillus nidulans

<400> 27369

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atccccgcaa actacggcct atgcgtgttc ttcagattgg tggacaattg ctccagtgcg 180
aaggaagaaa cagccgctgt gcacgaactt gcacagttgg gcttggttgt ctcccagggg 240
cagaactatg cgcttggaga cggcgtctgg ggatgggcca ggatcatctt tgcgtatccg 300
ccagacgtca tccagcgggc gttggatggt ctcgagaagt ttagacgggg ccgtggggggc 360
tgcatttga 369

<210> 27370
<211> 300
<212> DNA
<213> Aspergillus nidulans

<400> 27370

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tgggtgggga gtccgataaa tggggattcg atcgttaggg ctgtaaacgt gccgagaaa 180
cccgcccttg taggcgggtca cgggtgtgtt gagggcgatc atggactctg tgacgatggt 240
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<210> 27371
<211> 741
<212> DNA
<213> Aspergillus nidulans

<400> 27371

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ctggagctac gcatcggggc caattcgggc gtccctttca aggtcgtgga tcaaacaaag 300
caggaatctt gggatatatg cacctaccct gatctggctg cgaaacactt ccccaccagt 360
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gctgcgtttc tgcaggtcaa tattattgat ggcgaggtta tcatcgcgat ctcatggcac 480
cattcagtat gtgatgcgag aggcattcagt atcctgatcg atgcctgggc caggcataca 540
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gatcgggtggc gattagatca cggcctgcga gaggttacta ttgaccaact tcccgaatac 660
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<210> 27372

<211> 486

<212> DNA

<213> Aspergillus nidulans

<400> 27372

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gccagggatt gggaagttac tcttgaggtt gttttgctg ccgcgtcgga gcctgctgag 180
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gtcgcgattc cgaccggcga caaggcctcg ggaaaacgtc cacaggttga cgactccaag 300
gagaagaaaa ggaagaagaa gaagaagaag aagaaggcag cgaaaaggga ggacaagcct 360
cctatTTTTTg aggataaggc tgcttcggcg aatctcctca gaaagtgcgc gagtagccta 420
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<210> 27373
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27373
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 cagggcgtgc acccaaacgc cactgaacgc cccggctaca gcggcgatgg tctgctggt 180
 aaagcgaaac gaacatatgc aaactcccc ggactatag 219

<210> 27374
 <211> 436
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27374
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 ctttggtccc tctagctcca gctccagcgc ggtgggtacc ttcaagacc agatcaagag 180
 ttccagccct ggtcccagct ccagtttcgc tgcggtgca actactgaag ctccaacctc 240
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<210> 27375
 <211> 444
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27375
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 attttgagac gctgtgaact ggacaatctc tcgctgcaca gcgtcaagaa tatggagcaa 180

accctgagta tcggaacga cgatagaaaa gaggtgcaaa aatggcaggt gtgcacggga 240
cagctgatcg gtagctggga tctggcttgc agccctaaaa ctccgccgta ggcaggtcaa 300
ggtagaaaat aaggtctcgt agatttcctt cagctgggcg ccatgaaagt cggatgatgct 360
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<210> 27376
<211> 212
<212> DNA
<213> Aspergillus nidulans

<400> 27376

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ggctgttcaa tatgaacacg cctgccgaat acaagcaggc ccagacgctg agcgaagaga 180
tcacaacaat cacagaggat ctcatgtcat aa 212

<210> 27377
<211> 264
<212> DNA
<213> Aspergillus nidulans

<400> 27377

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gatgacacgc gggcttggtc gaagcataat acggttgctg aggagcgggt ctggatgcgg 180
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ccggatatga agaagcagca atag 264

<210> 27378
<211> 267
<212> DNA
<213> Aspergillus nidulans

<400> 27378

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ccagttcaat acgacctcac gtatcaggag ctggcgagca tcgtcaaccg tcaggcctgg 180
tggctggctg agtgtcttca tgggaaagcc agagacgtca ccatcgcgta cagtcctta 240
atctctattg gtcatctcct gcactaa 267

<210> 27379
<211> 413
<212> DNA
<213> Aspergillus nidulans

<400> 27379

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aagacacaat ctcgagaaga tggcatagaa agcgctctcg aggacgagag ctcaggcgga 180
tcagagggag aagaaagcga tacagaagcg ggaggtgtac gcctacgtga aaagaagcgc 240
ggacagcgtg atgaatatga gaatgactca gacgatgatg gcaattacat gaaccaagaa 300
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ccgctcgaca agctaaaaaa taagccgccg aagaagaaca aaacgggcgt cgt 413

<210> 27380
<211> 225
<212> DNA
<213> Aspergillus nidulans

<400> 27380

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acagcttttg ggtatgtttg taaagctatc gtggatggat tgcgctggac cctaattttt 180
gctacagttt actcattact acgcattctc agctattgtg gtctt 225

<210> 27381
<211> 322
<212> DNA
<213> Aspergillus nidulans

<400> 27381

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 cccactggta gcgaggtact tggattatac ccttaacccg tcctctcgca tactgtatac 180
 gatagacgat tctaacgagg tattacaggg ctgctggggc tgctgccagc ccaatgccat 240
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<210> 27382
 <211> 222
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27382

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 cagtcaatcg gcatcaacca gaccactca gaacccgatt cgactgggtg tgtctggacg 180
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<210> 27383
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 27383

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 gttccaacag tgaaccgcca gtccgagacc cgcgcaccta gtcgccggtc tcagggtgag 180
 cgggagctga aagcctcgct aagcgaagag acgctatcag accgggagat ggatcacgcc 240
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<210> 27384
 <211> 306
 <212> DNA
 <213> Aspergillus nidulans

<400> 27384

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tacggtcgca gataccgccc tgtggcgtgt acgccgttcg agtcagggtg acgacatgcg 180
tggtgggtgtg attgccagca aaagacgttc aaggacatgc tgaccggacg ggtttttgggt 240
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<210> 27385

<211> 207

<212> DNA

<213> *Aspergillus nidulans*

<400> 27385

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agcatcacgg cgattgcaga agtctggagt cgcgtgatgg cgattacatc gggcattatc 180
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<210> 27386

<211> 255

<212> DNA

<213> *Aspergillus nidulans*

<400> 27386

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gcgacggcga catgggcaa ggggggattc gacgctgaga ctgtgcatgc tgttaccctg 180
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<210> 27387

<211> 348

<212> DNA

<213> *Aspergillus nidulans*

<400> 27387

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cgcacgaga cgccgtgatt cagcagggcg tgattgtggc atgtcaggca gattcggact 180
tcacattcag gaaccggcac cggctgagca tagacggcca tctttgagga cgccaggtcg 240
aacattcggc ctgccggcgc tgcggcccg ggtgcctatg gagctggcaa agaaagatcg 300
aacgagacaa tggtacttgt gaggggggta attccagtgg tattatga 348

<210> 27388

<211> 422

<212> DNA

<213> *Aspergillus nidulans*

<400> 27388

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cggtagagaa ggacggcaat acgtcgaaca cggaaatacc taagggtgaa gacaagccca 180
atgggggtggc tcaagagttg accgttaaac catcatcgag ccctgaatcg gcttctgaac 240
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agggtcaggg aagcgcaggg gaccaaatgc aaattgacca gaaaccaat actgagggcg 360
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cc 422

<210> 27389

<211> 858

<212> DNA

<213> *Aspergillus nidulans*

<400> 27389

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ccacgcatgc tgtaccgtat tcttctgggt attgttctcc aagctctgca gcagctcact 180
ggcgccaact acttcttcta ctatggtacc accatcttcc agggcgccgc tatctccaac 240

tctttcatca ctccaggtcat tctcggagct atcaattttg gaaccacctt tgggtggtctc 300
 tacgttggtg agaactttgg tcgccgcaag tccctcattg ctggtgcttc cttgatgttc 360
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 aacacccccg gacccgcaa gggcatgggt gtctctgcct ctttcttcgt tctcttctac 480
 gctacgacct ggggtcccat cgtctgggtc atcggtgctg agctcttccc ctccaaatac 540
 cgtgccaagg gtatggctct cgccactgct tccaactggc ttggaactt cctcattggt 600
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<210> 27390
 <211> 764
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27390

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 attgcaggaa cacatccaga ctcaagagtc ctgattaccg acatcaagat ctttgatgct 180
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 gccgattagg cgagttgggc gttgaagagc acactcttct cacggcgcgg agtgcgcggt 480
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 ctttttggtt tatggtgcag tgaggtagac tgactgttta tcagggtgctt cggcgctgca 600
 tccgcgaaaa ggagactaga tgtagtcgtt cgcgatgcca tcaacgcggg agatatcccc 660
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764

<210> 27391
<211> 282
<212> DNA
<213> Aspergillus nidulans

<400> 27391

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aagaggttgt ccaagggcaa atgcctacac tacggcgatc ctgaccactt tgtacaagag 180
tgccctataa aacctaccag acgccctagg caggtggcca cagtccagga agaacaagac 240
caaatcgatg actacagcaa gagcgagtca gaaaatgaat aa 282

<210> 27392
<211> 886
<212> DNA
<213> Aspergillus nidulans

<400> 27392

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gcgcagagct tgatcattgc gctgcaatgc atcccactcg aggcgctgtg ggataattct 120
attactgaca agaaatgcat gggttccgcc atgggtgttta tatctacggg cgctctgacg 180
atcgtatgtg actcgttgat cttgctgctt ccggtgcaga ttgtcatggg gttgcaggcg 240
aagacggcga ggaaattggc actactggga atcttgtgtt ttgggggtttt gtaagtcttc 300
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tctctggaac ggatacgggg accgaagtta tgggaatagg ggtaatggga gtccgaggga 840
gattatgata acagagacag tggatgtgga agttggaagg gggtag 886

<210> 27393
<211> 835
<212> DNA
<213> Aspergillus nidulans

<400> 27393

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ctagagctgt cactacctca cgagcgattc atctacctga acgaccttgg aaaccgactt 180
cgagagcggg tcgaggcgtg ccgcaatgtc gaggatatct ccgaggcaat taatctcgtc 240
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aatagtctct gtctgcttta tgggtatcgc tataccaggc tgggtgattt ggatgacctg 480
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<210> 27394
<211> 391
<212> DNA
<213> Aspergillus nidulans

<400> 27394

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agacttcgaa ctgagcttga ggacctcaca aacatcctcg gttcactggg agatgtaata 180

aatgcagaaa tgccaatgtt ggctctgctt caaggtcctg ttgagcgatg caaccaacta 240
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 ggatacaagt caactatcaa tgttggattg g 391

<210> 27395
 <211> 776
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27395

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 aactactag cgtgattggc gacgactcta cgacggtggt tgctaacggc gccacaaccg 660
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<210> 27396
 <211> 878
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27396

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 agcgacgacg ccggtctcga aagctcagac acgggcatcc tcacgcccac tggcgaagag 840
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<210> 27397
 <211> 510
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27397
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 gagcggaatg agatgatcaa cgctgtttaa 510

<210> 27398
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27398

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ttcaggcgtg ggatgaccaa ggtgcaagat acagcggcgg ctgaagctgc agctacggct 420
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<210> 27399
 <211> 297
 <212> DNA
 <213> Aspergillus nidulans

<400> 27399

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caacacacaa tcgcttcaga taacgaataa taacatcgac cgggttattg aagccatcga 240
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<210> 27400
 <211> 283
 <212> DNA
 <213> Aspergillus nidulans

<400> 27400

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ctcgtcgctc aacttccggc cgatgttgtg gtattctgtg tcgtggacgg ggtgaccgtg 180

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